

					2948-3074 3214-3609 4327-4761 5186-5293 6133-6404 7110-8458
HMQBW76	3249	954587	AP000677	26989	1-127
HMQBW76	3249	954587	AP001201	26990	1-127
HMQBW76	3249	954587	AC009470	26991	1-1595
HMQBW76	3249	954587	AC009470	26992	1-382
HMQBX35	3251	707280	AC023236	26993	1-371
HMQBX35	3251	707280	AC022383	26994	1-422
HMQBX35	3251	707280	AC022384	26995	1-371
HMQBX35	3251	707280	AC023502	26996	1-371
HMQBX35	3251	707280	AC008032	26997	1-422
HMQBX35	3251	707280	AC018828	26998	1-441
HMQBX35	3251	707280	AC023236	26999	1-1586
HMQBX35	3251	707280	AC022383	27000	1-140
HMQBX35	3251	707280	AC008032	27001	1-88
HMQBX35	3251	707280	AC018828	27002	1-88
HMQBY10	3253	968348	AC019121	27003	1-476
HMQBY10	3253	968348	AC024029	27004	1-476
HMQBY10	3253	968348	AC019121	27005	1-275
HMQBY10	3253	968348	AC019121	27006	1-336
HMQBY10	3253	968348	AC024029	27007	1-275
HMQCC67	3255	740625	AC015480	27008	1-334
HMQCC67	3255	740625	AC016417	27009	1-334
HMQCC67	3255	740625	AC016031	27010	1-334
HMQCK09	3256	384771	AC016518	27011	1-336
HMQCK09	3256	384771	AL138933	27012	1-336
HMQCK09	3256	384771	AC011645	27013	1-336
HMQCK09	3256	384771	AC016518	27014	1-172
HMQCK09	3256	384771	AL138933	27015	1-102
HMQCK09	3256	384771	AC011645	27016	1-102
HMQCK09	3256	384771	AL138933	27017	1-172
HMQCK09	3256	384771	AC011645	27018	1-172
HMQDA84	3259	783174	AC015671	27019	1-288
HMQDC96	3261	765810	AC073580	27020	1-2762 3819-4109 5099-5125
HMQDD41	3262	575536	AL139154	27021	1-117 900-1159 1184-1569 1614-2510 2634-2725 2732-3305 3462-3518 3577-3749
HMQDD41	3262	575536	AC013387	27022	1-300 571-924 2100-2922 3061-3368 3632-3751 4531-4790 4815-5200 5245-6141

					6265-6356 6363-6936 7096-7149 7208-7380 7658-7951 8005-8620 8747-9049
HMQDD41	3262	575536	AC013327	27023	1-300 571-924 2100-2922 3061-3368 3632-3751 4531-4790 4815-5200 5245-6141 6265-6356 6363-6936 7096-7149 7208-7380 7658-7951 8005-8620 8747-9049
HMQDD41	3262	575536	AL139154	27024	1-294
HMQDD41	3262	575536	AL139154	27025	1-308
HMQDD41	3262	575536	AC013387	27026	1-110
HMQDE85	3263	963366	AC023449	27027	1-389
HMQDE85	3263	963366	AC023449	27028	1-219
HMQDN16	3264	712588	AC026754	27029	1-348
HMQDN16	3264	712588	AC005576	27030	1-348
HMQDN16	3264	712588	AC026754	27031	1-274
HMQDN16	3264	712588	AC005576	27032	1-121
HMQDQ84	3266	783176	AC022074	27033	1-885
HMQDQ84	3266	783176	AC069425	27034	1-886
HMQDQ84	3266	783176	AC078835	27035	1-885
HMRAD49	3268	868185	AC005096	27036	1-458
HMRAD49	3268	868185	AC005096	27037	1-649
HMRAD49	3268	868185	AC005096	27038	1-344
HMSAC03	3270	960949	AC064794	27039	1-413
HMSAC03	3270	960949	AC012130	27040	1-413
HMSAI08	3272	960482	AC073041	27041	1-569
HMSAI08	3272	960482	AC007401	27042	1-115 615-834 2847-2983 6954-6980 7541-7661 9579-9723 12147-12951 13592-13749 17487-18023 23251-23354 24659-24888 25992-26409 30147-30227 31757-32759 32961-33188 34077-34598 35159-35329

					36391-36810 37495-39032 39741-42310 42460-42939 43671-44248 44277-44792 46043-46323 46392-47319
HMSAI08	3272	960482	AC073041	27043	1-181
HMSAI08	3272	960482	AC073041	27044	1-158
HMSAO46	3274	720686	AC024386	27045	1-399
HMSAP87	3275	383902	AC068870	27046	1-350
HMSAP87	3275	383902	AC068870	27047	1-487
HMSAQ64	3276	747120	AC010860	27048	1-104 498-2024 3614-3780
HMSAQ64	3276	747120	AC010746	27049	1-170 1173-1366 2844-2945 3431-3686 3942-5534 7066-7232
HMSAQ64	3276	747120	AC010746	27050	1-290
HMSAQ64	3276	747120	AC010860	27051	1-288
HMSAS62	3277	754156	AC024629	27052	1-381
HMSAX13	3279	961032	AC023162	27053	1-363
HMSAX13	3279	961032	AC023162	27054	1-148 150-283
HMSAX31	3280	698439	AL356378	27055	1-474
HMSAX31	3280	698439	AL356378	27056	1-636
HMSAX32	3281	702992	AC026090	27057	1-347
HMSAX32	3281	702992	AC026090	27058	1-2854 3186-3516 4268-4647 5100-5411 5510-6005
HMSAZ07	3284	855878	AL078590	27059	1-429
HMSBB44	3286	715738	AC025336	27060	1-417
HMSBB44	3286	715738	AC025336	27061	1-192
HMSBB44	3286	715738	AC025336	27062	1-121
HMSBF59	3287	722005	AC004687	27063	1-401
HMSBF59	3287	722005	AC004687	27064	1-375
HMSBH79	3289	683595	AC016518	27065	1-820
HMSBH79	3289	683595	AL358592	27066	1-820
HMSBH79	3289	683595	AC025386	27067	1-201 586-687 758-1577 2789-2898 4185-4742 5583-5875 6452-6496
HMSBH79	3289	683595	AL358592	27068	1-303
HMSBH79	3289	683595	AC025386	27069	1-472 541-1027 2098-2128 2449-2543

					3303-3610 3806-3905 4165-4313 4334-4644 5411-5598 5740-6852
HMSBH79	3289	683595	AC025386	27070	1-303
HMSBO55	3294	715684	AC027516	27071	1-830
HMSBO55	3294	715684	AC032021	27072	1-828
HMSBO55	3294	715684	AC011138	27073	1-828
HMSBO55	3294	715684	AC027516	27074	1-718
HMSBO55	3294	715684	AC032021	27075	1-256
HMSBO55	3294	715684	AC027516	27076	1-256
HMSBO55	3294	715684	AC032021	27077	1-717
HMSBO55	3294	715684	AC011138	27078	1-718
HMSBO55	3294	715684	AC011138	27079	1-256
HMSBP46	3295	719425	AC022100	27080	1-475
HMSBP80	3296	855871	AC040940	27081	1-502
HMSBP80	3296	855871	AC040940	27082	1-337
HMSBP80	3296	855871	AC040940	27083	1-409
HMSBQ93	3297	745862	AC008985	27084	1-415
HMSBQ93	3297	745862	AC008985	27085	1-127
HMSBQ93	3297	745862	AC008985	27086	1-336
HMSBS51	3298	708662	AC027249	27087	1-376
HMSBS51	3298	708662	AC018792	27088	1-376
HMSBS51	3298	708662	AC027249	27089	1-172
HMSBS51	3298	708662	AC018792	27090	1-179
HMSBS51	3298	708662	AC018792	27091	1-159
HMSBS63	3299	926833	AC009477	27092	1-451
HMSBS63	3299	926833	AC009477	27093	1-490
HMSBS63	3299	926833	AC009477	27094	1-42 384-481 3228-3540
HMSBS86	3300	785804	AC011444	27095	1-538
HMSBS86	3300	785804	AC011444	27096	1-466
HMSBU22	3301	677327	AC024929	27097	1-1093
HMSBU22	3301	677327	AC024929	27098	1-276
HMSBU68	3302	709231	AC009951	27099	1-535
HMSBU68	3302	709231	AC009951	27100	1-327
HMSBX38	3304	761392	AP002790	27101	1-464
HMSBX38	3304	761392	AC064801	27102	1-464
HMSBX38	3304	761392	AP002790	27103	1-487
HMSBX38	3304	761392	AC064801	27104	1-436
HMSBX38	3304	761392	AC064801	27105	1-487
HMSBX59	3305	558203	AL117339	27106	1-755
HMSBX59	3305	558203	AL161931	27107	1-755
HMSBX59	3305	558203	AF205588	27108	1-755
HMSBX59	3305	558203	AL117339	27109	1-609
HMSBX59	3305	558203	AL161931	27110	1-670
HMSBX59	3305	558203	AL161931	27111	1-216
HMSBX59	3305	558203	AF205588	27112	1-216
HMSBX59	3305	558203	AF205588	27113	1-495
HMSBZ69	3306	866997	AL139286	27114	1-155 338-429 1503-1700 3743-3885

					4477-4579 5206-5406 5651-5861 6012-7452 7584-11132
HMSBZ69	3306	866997	AL139286	27115	1-2766
HMSBZ69	3306	866997	AL139286	27116	1-292
HMSCB10	3308	968514	AC020913	27117	1-286 1837-1997 2258-2526 2665-3252
HMSCB10	3308	968514	AC020913	27118	1-421
HMSCB10	3308	968514	AC020913	27119	1-115
HMSCD14	3309	924890	AC076972	27120	1-154
HMSCD14	3309	924890	AC076972	27121	1-707
HMSCD15	3310	918133	AC027008	27122	1-1190
HMSCD15	3310	918133	AL158207	27123	1-130 923-1252 1765-3269 4138-4483 6546-7734
HMSCD15	3310	918133	AL158207	27124	1-371
HMSCD45	3311	707281	AC073873	27125	1-683
HMSCD45	3311	707281	AC073873	27126	1-1103
HMSCE37	3313	524245	AL137060	27127	1-350
HMSCE37	3313	524245	AL137060	27128	1-1444
HMSCE37	3313	524245	AL137060	27129	1-450 578-1240 2479-2828 3042-3491 3630-4214
HMSCF41	3314	951821	AC010422	27130	1-202 938-1047 1219-1395 1758-1956 2907-3429 3792-3935 5366-5485 6391-6688 6899-7269 7890-8316 8400-8524 8607-8682 8824-8999 9190-9302 9691-9796 10106-10177 10571-11051 11164-11490 12565-12696 13364-13501 13964-14592 14740-15540 15610-15798 15947-16642 16717-16832 16968-17408

					17521-17612 18331-18579 19120-19303 19358-19514 19599-19702 20003-20245
HMSCF41	3314	951821	AC010422	27131	1-326 1552-2084 2162-2261 2300-2427 4485-5868 5948-6362 7914-8017 8569-8681 8765-8875 8968-9037 9284-9499 9742-9910 10837-11187 11271-11321 11554-11707 11783-12766 12866-13225 13256-13827 14284-14367 14890-15090
HMSCF41	3314	951821	AC010422	27132	1-227
HMSCI26	3317	530239	AP000334	27133	1-664
HMSCI26	3317	530239	AJ131498	27134	1-664
HMSCI26	3317	530239	AP000173	27135	1-664
HMSCI26	3317	530239	AP000334	27136	1-678
HMSCI26	3317	530239	AJ131498	27137	1-678
HMSCI26	3317	530239	AP000173	27138	1-678
HMSCK17	3319	717703	AC018529	27139	1-845
HMSCK17	3319	717703	AC018529	27140	1-429
HMSCK17	3319	717703	AC018529	27141	1-276
HMSCK38	3320	967576	AL357082	27142	1-732
HMSCK38	3320	967576	AL121933	27143	1-732
HMSCK38	3320	967576	AL357082	27144	1-809 842-1045 1047-2030
HMSCK38	3320	967576	AL357082	27145	1-112
HMSCK38	3320	967576	AL121933	27146	1-112
HMSCK38	3320	967576	AL121933	27147	1-809 841-1044 1046-2029
HMSCM95	3323	884019	AC004765	27148	1-330
HMSCM95	3323	884019	AC004765	27149	1-335
HMSCO18	3324	917009	AL353600	27150	1-1227
HMSCO18	3324	917009	AL121748	27151	1-1227
HMSCO18	3324	917009	AL353600	27152	1-560
HMSCO18	3324	917009	AL121748	27153	1-560
HMSCO70	3327	879436	AC022621	27154	1-1569
HMSCO70	3327	879436	AC022621	27155	1-664
HMSCR39	3328	601504	AC002369	27156	1-586 2559-2651

					3329-3426 3756-5088
HMSCR39	3328	601504	AC002369	27157	1-228
HMSCR82	3329	806176	AL358135	27158	1-876
HMSCR82	3329	806176	AL358135	27159	1-551
HMSCZ51	3333	724839	AL357374	27160	1-1223 1241-3706 4381-4723 5534-7061 7111-8648 9834-10946 12387-13209 13476-13619 13920-14134 14174-14755 14778-15313 15846-16584 17088-17215 17459-17741 18514-18650 19467-19572 19831-19987 20133-20939 21938-22488 24097-24387 25446-25511 27861-28076 28582-28788 28865-29232 29369-29628 29817-30292 30485-30708 31106-31978 32347-32904 32975-33562 33702-35139 35472-35710 36852-37027 37348-38653
HMSCZ51	3333	724839	AL357374	27161	1-530
HMSCZ51	3333	724839	AL357374	27162	1-101
HMSDA03	3334	881563	AC005077	27163	1-200 375-668 1149-1277 2191-2536 2555-2667 3138-3269 3475-4039 4168-4524 5544-5672 5705-6223 8686-8767 9509-9613 9898-10352 10799-11196 11445-12680
HMSDA03	3334	881563	AC006330	27164	1-200

					375-668 1178-1275 2189-2534 2553-2665 3136-3267 3473-4037 4166-4522 5542-5670 5703-6221 8682-8763 9505-9609 9894-10349 10796-11193 11442-12677
HMSDA03	3334	881563	AC005077	27165	1-768
HMSDA03	3334	881563	AC005077	27166	1-282
HMSDA03	3334	881563	AC006330	27167	1-768
HMSDA03	3334	881563	AC006330	27168	1-297
HMSDF01	3337	921672	AC026496	27169	1-336
HMSDF01	3337	921672	AP000919	27170	1-336
HMSDF01	3337	921672	AP001026	27171	1-336
HMSDK32	3339	416928	AL096819	27172	1-158 489-599 714-868 2044-2198 4247-4438 5781-5948 7009-7302 9594-9780
HMSDM29	3340	703075	Z93784	27173	1-265
HMSDM29	3340	703075	Z93784	27174	1-456
HMSDP23	3341	583670	AC005154	27175	1-85 1225-1845 1883-2169 2184-2788 4437-6936 6949-7281 7324-8701 8722-8867 8998-9627 10328-11259 11910-12214 13173-13711 14419-14946 15206-15595 16569-17056 17189-17898 18292-18673 20173-20521 20659-21210 22570-24435 24683-24941 27435-27601 27966-28310 28537-28998 29072-29745 30603-30961

					33193-33690 33755-34443 34871-35266 35680-39081 39134-40394 40452-40973 42126-42623 42710-43493 43605-44057 45204-45537 46248-46598 46715-47091 47122-47578 47847-48093 48207-48812 48975-49585 49819-50394 50875-51402
HMSDP23	3341	583670	AC005154	27176	1-188
HMSDQ33	3342	702772	AC003107	27177	1-459
HMSDQ33	3342	702772	AC006123	27178	1-385
HMSDQ33	3342	702772	AC003107	27179	1-515
HMSDQ33	3342	702772	AC006123	27180	1-515
HMSDR06	3343	954682	AL020995	27181	1-302
HMSDR06	3343	954682	AL020995	27182	1-775
HMSDR06	3343	954682	AL020995	27183	1-86
HMSDR55	3344	732443	AC023120	27184	1-113 1670-1968 2817-2876 3739-3958 4039-4861 8042-8236 9960-10253 10358-10487 11261-11363 12445-12554 17967-18436 19317-19470 19666-19900 20264-20363 20475-20779 25579-26082 26905-27377 27555-27983 28656-28997 29146-29769 30579-31170 31202-31625 32023-32698 34599-34740 34805-35520 35575-37925
HMSDR55	3344	732443	AC023120	27185	1-1768
HMSDR55	3344	732443	AC023120	27186	1-518
HMSDU43	3345	868183	AL162431	27187	1-413 1767-2068
HMSDU43	3345	868183	AC064851	27188	1-413

HMSDU43	3345	868183	AL162431	27189	1767-2068 1-42 915-1065 1167-1633 2254-2484 3637-4873
HMSDU43	3345	868183	AC064851	27190	1-42 915-1057 1167-1633 2254-2484 3637-7666 7672-7821 7877-10024
HMSDU43	3345	868183	AL162431	27191	1-108 496-732 833-1425 1576-2118 2478-3089
HMSDU43	3345	868183	AC064851	27192	1-448
HMSDU73	3346	753010	AC024936	27193	1-264
HMSDU73	3346	753010	AC025392	27194	1-280
HMSDU73	3346	753010	AC024936	27195	1-1134
HMSDU73	3346	753010	AC025392	27196	1-1134
HMSDU73	3346	753010	AC024936	27197	1-2127
HMSDU73	3346	753010	AC025392	27198	1-3680
HMSDV49	3347	722194	AL358334	27199	1-929
HMSDV49	3347	722194	AL358334	27200	1-418 471-916
HMSDV49	3347	722194	AL358334	27201	1-101
HMSEM59	3349	708076	AC010883	27202	1-78
HMSEM59	3349	708076	AC010883	27203	1-371
HMSEM59	3349	708076	AC010883	27204	1-503
HMSEO23	3351	676369	AC024016	27205	1-408
HMSFH05	3353	932219	AC007438	27206	1-411
HMSFH05	3353	932219	AC006086	27207	1-1935 2554-3022 4128-4581 5874-6057 6739-6967 8088-8498 11649-12009 12188-12233 12469-12708 12981-13010
HMSFH05	3353	932219	AC006087	27208	1-1738 2556-3024 4130-4583 5876-6059 6741-6969 8090-8500 9583-9670 11651-12011 12190-12235 12471-12710 12983-13012
HMSFH05	3353	932219	AC007438	27209	1-1935 2554-3022

					4128-4581 5874-6057 6739-6955
HMSFH05	3353	932219	AC007438	27210	1-88
HMSFH21	3354	671133	AC013411	27211	1-421
HMSFH21	3354	671133	AL078463	27212	1-421
HMSFH21	3354	671133	AC013411	27213	1-795
HMSFH21	3354	671133	AC013411	27214	1-515
HMSFH21	3354	671133	AL078463	27215	1-515
HMSFH21	3354	671133	AL078463	27216	1-795
HMSFH24	3355	855826	AL133370	27217	1-298
HMSFH24	3355	855826	AC016198	27218	1-298
HMSFH24	3355	855826	AL133370	27219	1-585
HMSFH24	3355	855826	AL133370	27220	1-810 816-1334 1440-2008
HMSFH24	3355	855826	AC016198	27221	1-585
HMSFH24	3355	855826	AC016198	27222	1-3109 3290-4099 4105-4623 4729-5297 5300-5327
HMSFH29	3357	689857	AC069259	27223	1-269
HMSFH29	3357	689857	AC020649	27224	1-269
HMSFH29	3357	689857	AC026312	27225	1-269
HMSFH29	3357	689857	AC069259	27226	1-164
HMSFH29	3357	689857	AC020649	27227	1-164
HMSFH29	3357	689857	AC069259	27228	1-838
HMSFH29	3357	689857	AC020649	27229	1-838
HMSFH29	3357	689857	AC026312	27230	1-838
HMSFH29	3357	689857	AC026312	27231	1-164
HMSFH39	3360	705586	AC011721	27232	1-358
HMSFH39	3360	705586	AC009634	27233	1-358
HMSFH39	3360	705586	AC009634	27234	1-341
HMSFH39	3360	705586	AC011721	27235	1-539
HMSFH39	3360	705586	AC009634	27236	1-539
HMSFH73	3362	764554	AC022973	27237	1-69 380-636 3237-3573 3876-4372 4388-4629 4660-7282
HMSFH73	3362	764554	AL353668	27238	1-257
HMSFH73	3362	764554	AL353668	27239	1-324
HMSFK32	3365	671136	AC015462	27240	1-126 1320-1410 3279-3366 4146-4318 6920-6967 8092-8456 8516-8624 9485-9758 10290-10578 10919-11267 12484-12623 12854-13196

					13721-13958 16354-16429 16437-16467 17636-18265 21147-21284 21508-21774 22855-23913 24355-24456 25665-27332
HMSFK32	3365	671136	AC015462	27241	1-414
HMSFL10	3366	968061	AC008062	27242	1-424
HMSFL10	3366	968061	AC008062	27243	1-1095 1602-3138
HMSFL10	3366	968061	AC008062	27244	1-349
HMSFL49	3368	683406	AL157705	27245	1-106 1120-1522 2354-2467 3306-3383
HMSFN48	3369	697991	AL136123	27246	1-783
HMSFN48	3369	697991	AL136123	27247	1-153
HMSFN48	3369	697991	AL136123	27248	1-685
HMSFQ48	3370	721795	AL121574	27249	1-617
HMSFQ48	3370	721795	AL138741	27250	1-623
HMSFQ48	3370	721795	AL121574	27251	1-667
HMSFQ48	3370	721795	AL121574	27252	1-270
HMSFQ48	3370	721795	AL138741	27253	1-667
HMSFQ48	3370	721795	AL138741	27254	1-270
HMSFQ69	3371	657538	AC021016	27255	1-377 938-1085 1911-2350 2608-2712 3129-3251 4133-4448 4620-4723 4973-5213 5548-5756 5779-6372 6395-6736 6955-8081 8437-8868 9180-9271 9356-9475
HMSFQ69	3371	657538	AC013320	27256	1-459
HMSFQ69	3371	657538	AC073838	27257	1-241 579-787 810-1406 1425-1766 1984-3110 3466-3897 4207-4298 4382-4502
HMSFQ69	3371	657538	AC073838	27258	1-427
HMSFR29	3372	693440	AC019299	27259	1-235
HMSFR29	3372	693440	AC009822	27260	1-235
HMSFR29	3372	693440	AC009944	27261	1-235
HMSFR29	3372	693440	AC019299	27262	1-137
HMSFR29	3372	693440	AC019299	27263	1-88

HMSFR29	3372	693440	AC009822	27264	1-88
HMSFR29	3372	693440	AC009944	27265	1-137
HMSFR29	3372	693440	AC009944	27266	1-88
HMSFR71	3374	760517	AC012170	27267	1-370
HMSFR92	3375	861344	AL354698	27268	1-581
HMSFR92	3375	861344	AL354698	27269	1-107
HMSFS69	3377	757687	AP000759	27270	1-347
HMSFS69	3377	757687	AC069080	27271	1-347
HMSFS69	3377	757687	AP000822	27272	1-347
HMSFS69	3377	757687	AC069080	27273	1-35 399-751 1412-1542 2687-3175 4082-4343 5315-5459 6400-6451
HMSFS69	3377	757687	AP000759	27274	1-469
HMSFS69	3377	757687	AC069080	27275	1-469
HMSFS69	3377	757687	AP000822	27276	1-353
HMSFS69	3377	757687	AP000822	27277	1-469
HMSFT23	3378	855812	AL353173	27278	1-414
HMSFT23	3378	855812	AL139101	27279	1-414
HMSFT23	3378	855812	AL353173	27280	1-149
HMSFT23	3378	855812	AL139101	27281	1-149
HMSFT23	3378	855812	AL139101	27282	1-111
HMSFT73	3380	761647	AC036172	27283	1-469
HMSFT73	3380	761647	AC022973	27284	1-469
HMSFT73	3380	761647	AC036172	27285	1-595
HMSFT73	3380	761647	AC022973	27286	1-467
HMSFT73	3380	761647	AC022973	27287	1-613
HMSFW13	3381	917020	AL022165	27288	1-375
HMSFW13	3381	917020	AL022165	27289	1-229
HMSFW13	3381	917020	AL022165	27290	1-314
HMSFX01	3382	917021	AC023404	27291	1-509
HMSFX01	3382	917021	AC027609	27292	1-508
HMSFX01	3382	917021	AC023404	27293	1-329
HMSFX01	3382	917021	AC027609	27294	1-592
HMSFX01	3382	917021	AC023404	27295	1-593
HMSFX01	3382	917021	AC027609	27296	1-329
HMSFZ04	3386	615473	AC069291	27297	1-298
HMSFZ04	3386	615473	AC005236	27298	1-298
HMSFZ04	3386	615473	AC069291	27299	1-425 662-1009
HMSFZ04	3386	615473	AC005236	27300	1-423 659-1005
HMSGA41	3388	712490	AC068096	27301	1-574
HMSGA41	3388	712490	AC068096	27302	1-314
HMSGB07	3389	953715	AL117187	27303	1-452 507-1115
HMSGB07	3389	953715	AL117187	27304	1-884
HMSGC69	3390	757337	AC066692	27305	1-635
HMSGC69	3390	757337	AC066692	27306	1-128
HMSGC76	3391	767661	AC012527	27307	1-460
HMSGH49	3394	712123	AC013497	27308	1-438 450-560
HMSGH49	3394	712123	AC016962	27309	1-555

HMSGH49	3394	712123	AC013497	27310	1-577 2596-2936 3239-3782 5261-5363 7713-7759
HMSGH49	3394	712123	AC013497	27311	1-369
HMSGH49	3394	712123	AC016962	27312	1-369
HMSGH49	3394	712123	AC016962	27313	1-577 2596-3272 3294-3765 5244-5346 7696-7742
HMSGK16	3396	861329	AL161728	27314	1-1360
HMSGK16	3396	861329	AL358232	27315	1-1045
HMSGK16	3396	861329	AL161728	27316	1-141 1375-1506 3375-3867
HMSGK16	3396	861329	AL358232	27317	1-427
HMSGK82	3397	778875	AC027690	27318	1-130 2147-3093 3117-3429 4510-4620 7517-9173 9630-9948 10001-10579 10655-11037 12092-17165
HMSGK82	3397	778875	AL136086	27319	1-130 2147-3093 3120-3371 4510-4620 7517-8856 9322-9640 9693-10271 10347-10729 11781-16852
HMSGK82	3397	778875	AL096819	27320	1-130 2148-3094 3130-3339 4511-4621 7518-9179 9645-9963 10016-10594 10670-11052 12107-17181
HMSGQ30	3402	692880	AC007390	27321	1-647 697-1046 1189-2295 2426-2733 2821-3178 3190-4212 4249-4674 5300-5582 5627-5932 6573-7109 7324-10821 11233-11582

					11714-12741 13243-13417 13557-13910 14497-14822 16901-16929
HMSGQ30	3402	692880	AC007390	27322	1-429
HMSGQ30	3402	692880	AC007390	27323	1-803
HMSGR88	3404	575241	AL356584	27324	1-117
HMSGR88	3404	575241	AC034240	27325	1-141
HMSGR88	3404	575241	AC068594	27326	1-121
HMSGR88	3404	575241	AL353731	27327	1-446
HMSGR88	3404	575241	AL353731	27328	1-798
HMSGR88	3404	575241	AL353731	27329	1-911
HMSGT45	3405	722069	AC023437	27330	1-101 1523-2502
HMSGT45	3405	722069	AC023437	27331	1-330
HMSGT45	3405	722069	AC023437	27332	1-713
HMSGU52	3406	727300	AC004634	27333	1-317
HMSGU52	3406	727300	AC004634	27334	1-580
HMSGU76	3407	677512	AC015557	27335	1-1373
HMSGU76	3407	677512	AC015557	27336	1-305
HMSGU76	3407	677512	AC015557	27337	1-131
HMSGV47	3409	920116	AC005052	27338	1-561
HMSGV47	3409	920116	AC002477	27339	1-561
HMSGV47	3409	920116	AC005052	27340	1-189
HMSGV47	3409	920116	AC005052	27341	1-412
HMSGV47	3409	920116	AC002477	27342	1-412
HMSGV47	3409	920116	AC002477	27343	1-189
HMSGX02	3411	920511	AC005946	27344	1-382
HMSGX02	3411	920511	AC018755	27345	1-382
HMSGX02	3411	920511	AC005946	27346	1-364
HMSGX02	3411	920511	AC005946	27347	1-319
HMSGX02	3411	920511	AC018755	27348	1-364
HMSGX02	3411	920511	AC018755	27349	1-319
HMSGX12	3412	792437	AC055117	27350	1-352
HMSGX12	3412	792437	AC055117	27351	1-969
HMSGX43	3414	715425	AL096855	27352	1-292
HMSHA04	3415	757509	AC025006	27353	1-248
HMSHA04	3415	757509	AC025006	27354	1-876
HMSHA37	3416	708660	AC011606	27355	1-584
HMSHA37	3416	708660	AC020754	27356	1-584
HMSHA37	3416	708660	AC021999	27357	1-584
HMSHA37	3416	708660	AC011606	27358	1-498
HMSHA37	3416	708660	AC011606	27359	1-340
HMSHA37	3416	708660	AC020754	27360	1-340
HMSHA37	3416	708660	AC020754	27361	1-787
HMSHA37	3416	708660	AC021999	27362	1-787
HMSHA37	3416	708660	AC021999	27363	1-340
HMSHB10	3417	964651	AC008244	27364	1-376
HMSHB10	3417	964651	AC008244	27365	1-898
HMSHB14	3418	657543	AC011944	27366	1-158 266-441 605-726 1726-1793 2391-2499 3777-4449

					4719-5117
HMSHB14	3418	657543	AC015970	27367	1-163 1698-2078 2095-2443 3240-3545 5163-5243 5867-6231 6760-6812 7577-7751 7842-8017 8181-8302 9301-9371 9966-10074 11352-12023 12293-12691 13542-13599 14505-14784 15553-15637 16466-16567 17094-18044 18220-18702 18944-19762 20084-20207 21059-21293 21417-21744 21918-22704 22832-23474 23542-23989
HMSHB14	3418	657543	AC011944	27368	1-305 1923-2003 2628-2992 3505-3573 3576-3702
HMSHB14	3418	657543	AC015970	27369	1-100
HMSHC94	3419	960196	AC006566	27370	1-391
HMSHC94	3419	960196	AC006566	27371	1-432
HMSHG24	3423	676545	AC063919	27372	1-390
HMSHG24	3423	676545	AC073439	27373	1-1025 1398-1787 2044-2907
HMSHG24	3423	676545	AC024558	27374	1-2720 3093-3482 3739-4602
HMSHG24	3423	676545	AC073439	27375	1-443
HMSHG24	3423	676545	AC024558	27376	1-443
HMSHG24	3423	676545	AC024558	27377	1-1936
HMSHI54	3424	920119	AC017077	27378	1-407
HMSHI54	3424	920119	AC009021	27379	1-407
HMSHI54	3424	920119	AF001549	27380	1-407
HMSHI94	3425	967167	AL359186	27381	1-1217 1349-4897
HMSHI94	3425	967167	AL139286	27382	1-155 338-429 1503-1700 3743-3885 4477-4579 5206-5406

					5651-5861 6012-7452 7584-11132
HMSHI94	3425	967167	AL359186	27383	1-235
HMSHI94	3425	967167	AL139286	27384	1-2766
HMSHI94	3425	967167	AL139286	27385	1-292
HMSHK14	3426	920106	AC019146	27386	1-509
HMSHK14	3426	920106	AC019146	27387	1-1024
HMSHK14	3426	920106	AC019146	27388	1-284
HMSHL09	3427	789229	AC078799	27389	1-654
HMSHL85	3429	773811	AL356271	27390	1-360
HMSHL85	3429	773811	AL117354	27391	1-360
HMSHL85	3429	773811	AL117354	27392	1-403
HMSHP08	3432	868170	AC012510	27393	1-378
HMSHP08	3432	868170	AC064861	27394	1-378
HMSHP08	3432	868170	AC073838	27395	1-378
HMSHP08	3432	868170	AC064861	27396	1-151
HMSHP08	3432	868170	AC073838	27397	1-155
HMSHR64	3435	746587	AC027632	27398	1-413
HMSHR64	3435	746587	AC027632	27399	1-243
HMSHT10	3436	964647	AP000671	27400	1-149
HMSHT10	3436	964647	AC007411	27401	1-122
HMSHT10	3436	964647	AC011393	27402	1-154
HMSHT10	3436	964647	AC022454	27403	1-153
HMSHT10	3436	964647	AC023328	27404	1-155
HMSHT10	3436	964647	AC048330	27405	1-131
HMSHT10	3436	964647	AC023030	27406	1-154
HMSHT10	3436	964647	AC027046	27407	1-154
HMSHT10	3436	964647	AL365355	27408	1-413
HMSHT10	3436	964647	AC023221	27409	1-129
HMSHT10	3436	964647	AL136366	27410	1-153
HMSHT10	3436	964647	AC023221	27411	1-130
HMSHT10	3436	964647	AL365355	27412	1-215
HMSHU10	3438	964646	AC023054	27413	1-240
HMSHU10	3438	964646	AC025260	27414	1-417 1056-1335 2012-4980
HMSHU10	3438	964646	AC026109	27415	1-416 1055-1334 1647-1878 2012-4980
HMSHU10	3438	964646	AC021562	27416	1-416 1055-1334 2013-4981
HMSHU10	3438	964646	AC025260	27417	1-802
HMSHU10	3438	964646	AC025260	27418	1-704
HMSHU10	3438	964646	AC026109	27419	1-802
HMSHU10	3438	964646	AC026109	27420	1-704
HMSHU10	3438	964646	AC021562	27421	1-704
HMSHU10	3438	964646	AC021562	27422	1-802
HMSHU55	3439	731775	AL353715	27423	1-519
HMSHU55	3439	731775	AL353715	27424	1-389
HMSHU55	3439	731775	AL353715	27425	1-479 607-930 1032-1188 1279-1512

					1765-1881 2970-3113 3250-3450 4371-4883 5306-5601 5816-5910 7254-7727 7868-7954 8076-8113 8202-8298
HMSHV09	3440	731740	AC073917	27426	1-383
HMSHV09	3440	731740	AC073532	27427	1-383
HMSHV09	3440	731740	AC010191	27428	1-382
HMSHV09	3440	731740	AC073917	27429	1-645
HMSHV09	3440	731740	AC010191	27430	1-645
HMSHV09	3440	731740	AC073532	27431	1-645
HMSHV44	3441	716596	AL353600	27432	1-545 1061-1414
HMSHW22	3442	855779	AC012044	27433	1-2702
HMSHW22	3442	855779	AC037447	27434	1-2713
HMSHW22	3442	855779	AL391137	27435	1-390
HMSHW22	3442	855779	AC055809	27436	1-390
HMSHW22	3442	855779	AC022400	27437	1-2713
HMSHW22	3442	855779	AC012044	27438	1-757 958-2776
HMSHW22	3442	855779	AC037447	27439	1-1529
HMSHW22	3442	855779	AL391137	27440	1-2151
HMSHW22	3442	855779	AC055809	27441	1-2161 2185-2888 3847-4937 4954-5280 5500-5990 6032-10912
HMSHW22	3442	855779	AC022400	27442	1-1529 1573-1956 2028-2729 3676-4763 4780-5109 5329-5821 5862-8942
HMSHW22	3442	855779	AC012044	27443	1-1577 1604-2003 2074-2569 3689-4774 4791-5120 5331-5822 5884-10583 10603-10867 11401-12562
HMSHW22	3442	855779	AC037447	27444	1-559
HMSHW22	3442	855779	AL391137	27445	1-1223
HMSHW22	3442	855779	AC055809	27446	1-1224
HMSHW22	3442	855779	AC022400	27447	1-809 1517-4461
HMSHW84	3443	783036	AL136141	27448	1-290
HMSHW84	3443	783036	AC006241	27449	1-290

HMSHW84	3443	783036	AL136141	27450	1-419
HMSHW84	3443	783036	AC006241	27451	1-560
HMSHW93	3444	792302	AC025637	27452	1-696
HMSHW93	3444	792302	AC055707	27453	1-696
HMSHW93	3444	792302	AC055707	27454	1-138
HMSHW93	3444	792302	AC025637	27455	1-138
HMSHY07	3445	953331	AC026451	27456	1-505
HMSHY07	3445	953331	AC026451	27457	1-631 1474-2111 2708-2813 3020-3188 4864-4964 5521-5623 6412-6849
HMSHZ56	3447	733386	AL160276	27458	1-115 372-582 1938-2016 2288-3850 4228-4444 5919-7008 8015-8428 9323-9513 10287-10371 10481-10577
HMSHZ56	3447	733386	AL160276	27459	1-381
HMSIA12	3448	948521	AC022919	27460	1-679
HMSIA12	3448	948521	AC048380	27461	1-678
HMSIA12	3448	948521	AC022919	27462	1-502
HMSIA12	3448	948521	AC022919	27463	1-392
HMSIA12	3448	948521	AC048380	27464	1-499
HMSIA12	3448	948521	AC048380	27465	1-392
HMSIB73	3449	578777	AC026308	27466	1-654
HMSIB73	3449	578777	AC069257	27467	1-661
HMSIB86	3450	785493	AL357093	27468	1-543 829-1425 2039-2328
HMSIB86	3450	785493	AL157736	27469	1-543 829-1425 2039-2328
HMSIB86	3450	785493	AC007263	27470	1-543 829-1425 2039-2328
HMSIB86	3450	785493	AL357093	27471	1-384
HMSIB86	3450	785493	AL157736	27472	1-384
HMSIB86	3450	785493	AC007263	27473	1-384
HMSIE11	3454	967013	AC068789	27474	1-1047 1339-2494
HMSIE11	3454	967013	AC053540	27475	1-3592
HMSIE11	3454	967013	AC053540	27476	1-915
HMSIE52	3455	727146	AL158079	27477	1-366
HMSIE52	3455	727146	AL353600	27478	1-366
HMSIE52	3455	727146	AL353600	27479	1-847
HMSIG74	3456	725842	AC010635	27480	1-1047
HMSIG74	3456	725842	AC026670	27481	1-62 628-1471 1586-3224

					3265-3615 3668-5344
HMSIG74	3456	725842	AC010635	27482	1-318
HMSII81	3457	385937	AC061972	27483	1-331
HMSII81	3457	385937	AC061974	27484	1-331
HMSII81	3457	385937	AC060789	27485	1-331
HMSIJ85	3458	916552	AC013281	27486	1-176 421-500 914-1386 1718-2189 2292-2351 3159-3617 3881-4166 4607-4924 4951-5111 5138-5904 6223-6559 7550-7748 8482-8578 9047-9160 9246-9515 10516-10659 11069-11150
HMSIJ85	3458	916552	AC013281	27487	1-277
HMSIJ85	3458	916552	AC013281	27488	1-175
HMSIN64	3459	963441	AC068451	27489	1-570
HMSIN64	3459	963441	AC068451	27490	1-307
HMSIN64	3459	963441	AC068451	27491	1-133
HMSIN75	3460	728670	AC023979	27492	1-251 387-449 698-1049 1462-1505
HMSIN75	3460	728670	AC007400	27493	1-251 387-449 698-1049 1462-1505
HMSIN75	3460	728670	AC023979	27494	1-373
HMSIN75	3460	728670	AC007400	27495	1-373
HMSIP59	3464	739275	AC016175	27496	1-499
HMSIT73	3467	708077	AC025857	27497	1-304
HMSIT73	3467	708077	AF285442	27498	1-664 726-1029 1585-2155
HMSIT73	3467	708077	AC025857	27499	1-664
HMSIT73	3467	708077	AF285442	27500	1-514
HMSIT73	3467	708077	AF285442	27501	1-987
HMSIV17	3469	712318	AL138704	27502	1-516
HMSIV17	3469	712318	AL138704	27503	1-155
HMSJA36	3470	685633	AC012364	27504	1-350
HMSJA36	3470	685633	AC010981	27505	1-747
HMSJA36	3470	685633	AL121652	27506	1-350
HMSJA69	3471	745227	AC023549	27507	1-346
HMSJA69	3471	745227	AC022931	27508	1-347
HMSJB83	3474	781172	AC009167	27509	1-335
HMSJB83	3474	781172	AC009167	27510	1-699
HMSJE47	3476	928252	AC009093	27511	1-540

HMSJE47	3476	928252	AC009130	27512	1-540
HMSJE47	3476	928252	AC007615	27513	1-540
HMSJE47	3476	928252	AC009093	27514	1-352
HMSJE47	3476	928252	AC009130	27515	1-352
HMSJI22	3480	674557	AC004262	27516	1-571
HMSJI22	3480	674557	AC004262	27517	1-2249
HMSJJ24	3481	928152	AC025014	27518	1-748 1113-1556 1737-2791 3064-3832 3885-4060 4377-4635 4834-5638 6020-6199 6722-6962 6968-7318 9570-10274 10906-12100
HMSJJ24	3481	928152	AC024055	27519	1-779
HMSJJ24	3481	928152	AC011850	27520	1-660
HMSJJ24	3481	928152	AC064866	27521	1-660
HMSJJ24	3481	928152	AC006987	27522	1-807 1192-1368 1890-2131 2137-2487 6062-7136
HMSJJ24	3481	928152	AC020590	27523	1-659
HMSJJ24	3481	928152	AC011304	27524	1-807 1192-1368 1890-2131 2137-2487 6062-7136
HMSJJ24	3481	928152	AC025014	27525	1-1181
HMSJJ24	3481	928152	AC024055	27526	1-1174
HMSJJ24	3481	928152	AC011850	27527	1-334
HMSJJ24	3481	928152	AC064866	27528	1-286
HMSJJ24	3481	928152	AC064866	27529	1-249
HMSJJ24	3481	928152	AC020590	27530	1-397
HMSJJ24	3481	928152	AC006987	27531	1-954
HMSJJ24	3481	928152	AC020590	27532	1-246
HMSJJ24	3481	928152	AC011304	27533	1-954
HMSJL41	3483	922753	AL022721	27534	1-751
HMSJL41	3483	922753	AL022721	27535	1-432
HMSJL41	3483	922753	AL022721	27536	1-165
HMSJM33	3484	702408	AL159997	27537	1-427
HMSJM33	3484	702408	AL353701	27538	1-427
HMSJM33	3484	702408	AL353701	27539	1-232
HMSJM33	3484	702408	AL159997	27540	1-213
HMSJM33	3484	702408	AL353701	27541	1-159
HMSJO36	3485	708084	AC015717	27542	1-411
HMSJO36	3485	708084	AC055862	27543	1-411
HMSJO36	3485	708084	AC015717	27544	1-173 1829-1884 5505-5913 6385-6789 8003-8213

HMSJO36	3485	708084	AC055862	27545	1-355
HMSJO44	3486	716600	AP001098	27546	1-597
HMSJO44	3486	716600	AL139424	27547	1-597
HMSJO44	3486	716600	AP001098	27548	1-498 1274-1713
HMSJO44	3486	716600	AL139424	27549	1-141
HMSJO44	3486	716600	AL139424	27550	1-31 78-889 1040-1176 2000-2137 5553-8080 8237-10612 11784-11903 12110-12674 12693-12774
HMSJR27	3488	855760	AC073128	27551	1-2464
HMSJR27	3488	855760	AC027416	27552	1-2649 3219-3425
HMSJR27	3488	855760	AC009974	27553	1-2649 3219-3425
HMSJR27	3488	855760	AC073128	27554	1-111
HMSJR27	3488	855760	AC027416	27555	1-111
HMSJR27	3488	855760	AC009974	27556	1-111
HMSJR41	3489	967070	AC016581	27557	1-451
HMSJR41	3489	967070	AC008873	27558	1-451
HMSJR41	3489	967070	AC016581	27559	1-286
HMSJR41	3489	967070	AC016581	27560	1-294
HMSJR41	3489	967070	AC008873	27561	1-284
HMSJR41	3489	967070	AC008873	27562	1-285
HMSJR74	3490	710402	AL157905	27563	1-751
HMSJR74	3490	710402	AC015862	27564	1-611
HMSJR74	3490	710402	AL157905	27565	1-624
HMSJT60	3492	733379	AC015862	27566	1-303
HMSJT60	3492	733379	AL157905	27567	1-303
HMSJT60	3492	733379	AL136127	27568	1-303
HMSJT70	3493	756465	AF271407	27569	1-399
HMSJT79	3494	954141	AL356441	27570	1-450
HMSJU28	3495	686664	AC068456	27571	1-414
HMSJU28	3495	686664	AC068456	27572	1-289
HMSJW25	3499	678096	AL122020	27573	1-615
HMSJW25	3499	678096	AL122020	27574	1-558
HMSJZ11	3500	861381	AC025945	27575	1-614
HMSJZ11	3500	861381	AC026886	27576	1-614
HMSJZ11	3500	861381	AC006096	27577	1-613
HMSJZ11	3500	861381	AC026220	27578	1-613
HMSJZ11	3500	861381	AC025944	27579	1-613
HMSJZ11	3500	861381	AC025945	27580	1-459
HMSJZ11	3500	861381	AC026886	27581	1-459
HMSJZ11	3500	861381	AC025945	27582	1-259
HMSJZ11	3500	861381	AC026886	27583	1-259
HMSJZ11	3500	861381	AC006096	27584	1-459
HMSJZ11	3500	861381	AC006096	27585	1-259
HMSJZ11	3500	861381	AC026220	27586	1-459
HMSJZ11	3500	861381	AC026220	27587	1-259
HMSJZ11	3500	861381	AC025944	27588	1-459
HMSJZ11	3500	861381	AC025944	27589	1-259

HMSKB02	3501	920056	AC061988	27590	1-2458
HMSKB02	3501	920056	AC061988	27591	1-143
HMSKB02	3501	920056	AC061988	27592	1-1391
HMSKB24	3502	855883	AC010513	27593	1-951
HMSKB24	3502	855883	AC010513	27594	1-1051
HMSKB24	3502	855883	AC010513	27595	1-1018 1449-1931
HMSKC56	3503	733388	AC068997	27596	1-4123
HMSKC56	3503	733388	AC026627	27597	1-6880
HMSKC56	3503	733388	AC026627	27598	1-241 2706-3103 3333-3863 4612-5176 5765-5835
HMSKC66	3504	783028	AC034262	27599	1-385
HMSKC66	3504	783028	AC025597	27600	1-386
HMSKC66	3504	783028	AL161804	27601	1-385
HMSKC90	3505	675055	AC011962	27602	1-479
HMSKC90	3505	675055	AC010832	27603	1-479
HMSKC90	3505	675055	AC011962	27604	1-186
HMSKC90	3505	675055	AC010832	27605	1-186
HMSKC90	3505	675055	AC011962	27606	1-349
HMSKC90	3505	675055	AC010832	27607	1-349
HMSKG23	3508	675885	AC026581	27608	1-406
HMSKG23	3508	675885	AC008584	27609	1-406
HMSKG23	3508	675885	AC008545	27610	1-406
HMSKG23	3508	675885	AC008584	27611	1-664 698-1354
HMSKG23	3508	675885	AC008545	27612	1-1182
HMSKG23	3508	675885	AC008545	27613	1-528
HMSKU90	3513	920151	AL354681	27614	1-741
HMSKZ29	3514	690662	AC068013	27615	1-125
HMSKZ29	3514	690662	AC073842	27616	1-165
HMSKZ29	3514	690662	AL021939	27617	1-68
HMSKZ29	3514	690662	AC026160	27618	1-109
HMSKZ29	3514	690662	AC068373	27619	1-126
HMSKZ29	3514	690662	AC011168	27620	1-139
HMSKZ29	3514	690662	AC058798	27621	1-121
HMSKZ29	3514	690662	AC034240	27622	1-141
HMSKZ29	3514	690662	AC055884	27623	1-344
HMSKZ29	3514	690662	AC008055	27624	1-919
HMSKZ29	3514	690662	AC002351	27625	1-1278 2155-2236
HMSKZ29	3514	690662	AC055884	27626	1-178
HMSKZ29	3514	690662	AC002351	27627	1-115
HMSLB94	3515	773812	AL359819	27628	1-802
HMSLB94	3515	773812	AC069126	27629	1-802
HMSLB94	3515	773812	AL139342	27630	1-802
HMSLB94	3515	773812	AL359819	27631	1-132
HMSLB94	3515	773812	AC069126	27632	1-132
HMSLB94	3515	773812	AL139342	27633	1-132
HMSME83	3516	950970	AC010335	27634	1-885
HMSME83	3516	950970	AC008397	27635	1-885
HMSME83	3516	950970	AC010335	27636	1-496 1327-1626 4833-5580

HMSME83	3516	950970	AC010335	27637	1-173
HMSME83	3516	950970	AC008397	27638	1-495 1324-1615 4830-5576
HMSME83	3516	950970	AC008397	27639	1-173
HMSMF12	3517	948393	AC078843	27640	1-1096
HMSMF12	3517	948393	AC078843	27641	1-323
HMSMG02	3518	915179	AL078590	27642	1-399
HMSMG02	3518	915179	AL078590	27643	1-371 505-635
HMSMH05	3519	931095	AC078844	27644	1-611
HMSML27	3522	870008	AP002813	27645	1-590 831-978 1040-1465 1710-1880 2982-3090 3554-3681 3759-4257 5185-5352 5742-5880 6633-7166 7562-8167 8436-8611 8627-9438 9715-11178
HMSML27	3522	870008	AP002813	27646	1-118
HMSML27	3522	870008	AP002813	27647	1-395
HMSMN04	3523	926746	AC009335	27648	1-1429
HMSMN04	3523	926746	AC009335	27649	1-449
HMSMN23	3524	932548	AC016669	27650	1-250 1101-1513 1518-1807 1863-2625
HMSMN23	3524	932548	AP000936	27651	1-250 1105-1517 1522-1795 1877-2640
HMSMN23	3524	932548	AC016669	27652	1-428
HMSMN23	3524	932548	AP000936	27653	1-428
HMSMN23	3524	932548	AP000936	27654	1-459
HMSMV92	3526	934140	AC018393	27655	1-496
HMSMV92	3526	934140	AC024093	27656	1-496
HMSMV92	3526	934140	AC023051	27657	1-496
HMSMV92	3526	934140	AC018393	27658	1-329
HMSMV92	3526	934140	AC024093	27659	1-329
HMSMV92	3526	934140	AC023051	27660	1-329
HMSMX68	3527	861333	AC007314	27661	1-529
HMSMX68	3527	861333	AC007314	27662	1-99
HMSMX68	3527	861333	AC007314	27663	1-1095
HMSNA44	3528	861293	AC062010	27664	1-82 2062-2382 2497-3135 3254-3358 4356-4463 4966-5720 7630-8026

					8273-8972 9171-9779 11367-11819 12692-13210 14648-14764 14973-15116 15498-15855 16848-17596
HMSNA44	3528	861293	Z82243	27665	1-207 326-430 1428-1535 2038-2792 4695-5091 5338-6039 6238-6846 8436-8888 9760-10278 11916-12059 12442-12799 13792-14540
HMSNA44	3528	861293	AC062010	27666	1-300
HMSNA44	3528	861293	Z82243	27667	1-261 590-730 1225-1857 2425-3278 5112-6517
HMSNR30	3529	968716	AC013627	27668	1-1067
HMSNR30	3529	968716	AL359258	27669	1-1069
HMSNR30	3529	968716	AC013627	27670	1-442
HMSNR30	3529	968716	AL359258	27671	1-437
HMSOA29	3532	953329	AL391064	27672	1-469
HMSOA29	3532	953329	AC068027	27673	1-469
HMSOA29	3532	953329	AL391064	27674	1-1246
HMSOA29	3532	953329	AC068027	27675	1-1629
HMSOA29	3532	953329	AL391064	27676	1-1017
HMSOA29	3532	953329	AC068027	27677	1-1017
HMSOB43	3534	961779	AC020777	27678	1-457
HMSOB43	3534	961779	AL121983	27679	1-993
HMSOC76	3535	916807	AC026470	27680	1-840
HMSOC76	3535	916807	AC023813	27681	1-841
HMSOC76	3535	916807	AC026470	27682	1-526
HMSOC76	3535	916807	AC023813	27683	1-174
HMSOC76	3535	916807	AC026470	27684	1-174
HMSOC76	3535	916807	AC023813	27685	1-526
HMSOE03	3536	922858	AL357619	27686	1-374 489-911 1552-2562
HMSOE03	3536	922858	AL031133	27687	1-612 727-1149 1790-2800
HMSOE03	3536	922858	AL357619	27688	1-505
HMSOE03	3536	922858	AL031133	27689	1-505
HMSOG57	3537	861298	AC069433	27690	1-599
HMSOG57	3537	861298	AP001357	27691	1-599
HMSOG57	3537	861298	AC067860	27692	1-599
HMSOG57	3537	861298	AC069433	27693	1-657

HMSOG57	3537	861298	AC069433	27694	1-222
HMSOG57	3537	861298	AP001357	27695	1-657
HMSOG57	3537	861298	AP001357	27696	1-222
HMSOG57	3537	861298	AC067860	27697	1-222
HMSOG57	3537	861298	AC067860	27698	1-657
HMSOM08	3538	958216	AL359707	27699	1-110 1191-1651
HMSON02	3539	918397	AL022476	27700	1-452
HMSON02	3539	918397	AL022476	27701	1-166
HMSON02	3539	918397	AL022476	27702	1-201
HMSON77	3540	861288	AC009502	27703	1-122
HMSON77	3540	861288	AC034240	27704	1-141
HMSON77	3540	861288	AC021923	27705	1-104
HMSON77	3540	861288	AC012450	27706	1-629
HMSON77	3540	861288	AC021923	27707	1-68 864-1002
HMSON77	3540	861288	AC012450	27708	1-246
HMSOQ75	3543	959856	AC010335	27709	1-885
HMSOQ75	3543	959856	AC008397	27710	1-885
HMSOQ75	3543	959856	AC010335	27711	1-496 1327-1626 4833-5580
HMSOQ75	3543	959856	AC010335	27712	1-173
HMSOQ75	3543	959856	AC008397	27713	1-495 1324-1615 4830-5576
HMSOQ75	3543	959856	AC008397	27714	1-173
HMSOX47	3548	948202	AC008836	27715	1-360
HMSOY61	3549	836082	AL133461	27716	1-391
HMSOY61	3549	836082	AL158014	27717	1-391
HMSOZ02	3550	918388	AC021289	27718	1-1856
HMSOZ02	3550	918388	AC069528	27719	1-1854
HMSOZ02	3550	918388	AC015999	27720	1-1855
HMSOZ02	3550	918388	AC069528	27721	1-596
HMSOZ02	3550	918388	AC021289	27722	1-841
HMSOZ02	3550	918388	AC015999	27723	1-293
HMSOZ02	3550	918388	AC015999	27724	1-1067
HMSPB63	3556	861264	AC021781	27725	1-625
HMSPB63	3556	861264	AC021781	27726	1-144
HMVAL74	3559	684574	AC022503	27727	1-558
HMVAL74	3559	684574	AC069513	27728	1-1098 1221-3580 3808-4750
HMVAL74	3559	684574	AC022503	27729	1-1647 1879-2706
HMVAL74	3559	684574	AC022503	27730	1-557
HMVAL74	3559	684574	AC069513	27731	1-340
HMVAT26	3560	789064	AL390207	27732	1-831
HMVAT26	3560	789064	AL390207	27733	1-298
HMVBD84	3565	782910	AC015734	27734	1-2668
HMVBD84	3565	782910	AC015734	27735	1-627
HMVBO01	3566	916072	AC008666	27736	1-677 1113-1549 3164-3945 4021-4166 4928-5523

HMVBO01	3566	916072	AC006512	27737	1-247 2812-2918 3488-3953 3964-4527 4683-5151 5330-9121 9884-10335 10748-10781 10960-11055 11323-12111 12127-12791 12911-13262 13266-13791 14696-14866 15107-15207 16551-16955 17174-17614 18504-18749 19392-19660 19720-20075 20785-21233 21290-21733 23618-23649 23982-24188 24481-24573 24741-25003 26591-26705 26738-27249 28479-28858 29065-31669 31926-32887 33667-34293 35229-35682 38114-38771
HMVBO01	3566	916072	AC008641	27738	1-677 1113-1549 3480-3944 4020-4165 4927-5522
HMVBO01	3566	916072	AC008707	27739	1-677 1113-1549 3480-3944 4020-4165 4927-5522
HMVBO01	3566	916072	AC008666	27740	1-767
HMVBO01	3566	916072	AC008666	27741	1-1394
HMVBO01	3566	916072	AC006512	27742	1-818 963-1440 1469-1958 2220-3076 3455-3663 3931-4285 4549-4632 4696-5069 5245-5337 5461-5775
HMVBO01	3566	916072	AC006512	27743	1-738

HMVBO01	3566	916072	AC008641	27744	1-430
HMVBO01	3566	916072	AC008641	27745	1-93 1296-1393 2901-3184 4544-4605 6153-6279 6727-6838 7911-8270 8339-9731
HMVBO01	3566	916072	AC008707	27746	1-430
HMVBO01	3566	916072	AC008707	27747	1-93 1296-1393 2901-3184 4544-4605 6153-6279 6727-6838 7911-8270 8339-9733
HMVBU26	3568	681408	AL157756	27748	1-42 1214-1448 2224-2632 3464-4379 5193-5911 6453-6628 6828-7356 7391-8301 8549-9685 10636-10968 12230-12287 13285-14169
HMVBU26	3568	681408	AL132778	27749	1-911 1159-2295
HMVBU26	3568	681408	AL132778	27750	1-497
HMVBU26	3568	681408	AL157756	27751	1-107
HMVBU26	3568	681408	AL132778	27752	1-332 1592-1648 2647-4017
HMVBV30	3569	861196	AC074102	27753	1-590
HMVBV30	3569	861196	AC040904	27754	1-176 537-1808 2080-2817 4455-5044 5139-5676
HMVBV30	3569	861196	AC074102	27755	1-491
HMVCX10	3575	963828	AC016590	27756	1-1129
HMVCX10	3575	963828	AC016590	27757	1-469
HMVCY46	3576	662311	AC069073	27758	1-374
HMVCY46	3576	662311	AC069073	27759	1-311
HMVDA11	3578	861185	AC074271	27760	1-476
HMVDA11	3578	861185	AC017034	27761	1-738 1589-2086 3298-3358 4597-5073 8966-9063
HMVDF10	3580	970480	AL136222	27762	1-73 226-264 289-1812

					1968-2177 2300-2813 2951-3091 3146-3222 3597-3888
HMVDF10	3580	970480	AL109947	27763	1-35 90-146 603-976 1504-1816 1908-2118 2389-2496 3139-4163 5195-5455 5670-5784 5971-6356 6875-7024 7362-8082 8097-9620 9776-9985 10108-10621 10759-10899 10954-11030 11405-11696
HMVDF10	3580	970480	AL359711	27764	1-35 90-146 603-976 1504-1816 1908-2118 2389-2496 3139-4163 5195-5455 5670-5784 5971-6356 6875-7024 7362-8082 8097-9620 9776-9985 10108-10621 10759-10899 10954-11030 11405-11696
HMVDF10	3580	970480	AL136222	27765	1-479 502-655 841-948 1038-1393 1624-1713 1856-1951 2057-2373 2467-2567 2696-3160
HMVDF10	3580	970480	AL109947	27766	1-479 502-655 841-948 1038-1393 1624-1713 1856-1951 2057-2373

					2467-2567 2696-3160
HMVDF10	3580	970480	AL359711	27767	1-479 502-655 841-948 1038-1393 1624-1713 1856-1951 2057-2373 2467-2567 2696-3160
HMVDF10	3580	970480	AL109947	27768	1-532
HMVDF10	3580	970480	AL359711	27769	1-532
HMVDF66	3581	915638	AC073284	27770	1-149 4420-6627 6651-7703 7713-8147 8529-8871 9283-9834 10971-11026
HMVDF66	3581	915638	AC012462	27771	1-411 1238-1371 2594-2743 3813-4232 5202-5349 6698-7024 7387-8207 8893-9018 9205-9591 9602-9929 10775-10972 11734-11924 12531-12712 13264-13608 13817-13970 14791-15559 16671-16820 21092-23299 23316-24367 24377-24811 25193-25534 25946-26497 27624-27763 27861-27954 28736-28937 29543-29835 30696-31098 31130-31749
HMVDF66	3581	915638	AC012462	27772	1-447
HMVDF83	3582	701907	AL355612	27773	1-546
HMVDF83	3582	701907	AC021845	27774	1-546
HMVDG76	3583	861179	AC024578	27775	1-455
HMVDG76	3583	861179	AC024578	27776	1-787
HMVDG76	3583	861179	AC024578	27777	1-386
HMVDH06	3584	934778	AC027271	27778	1-643
HMVDH06	3584	934778	AC027271	27779	1-435
HMVDI38	3585	709243	AL096710	27780	1-785

HMVDI38	3585	709243	AL096710	27781	1-97
HMVDJ75	3586	710475	AL354748	27782	1-546
HMVDR49	3587	722581	AL034562	27783	1-451
HMVDT07	3588	952488	AL359074	27784	1-789
HMVDT07	3588	952488	AL353731	27785	1-789
HMVDT07	3588	952488	AL359074	27786	1-348
HMVDT07	3588	952488	AL359074	27787	1-479
HMVDT07	3588	952488	AL353731	27788	1-479
HMVDT07	3588	952488	AL353731	27789	1-348
HMVDU16	3589	904807	AC010776	27790	1-477 1135-1924
HMVDU16	3589	904807	AC010776	27791	1-168
HMVEA91	3592	774609	AC015837	27792	1-890
HMVEA91	3592	774609	AC015837	27793	1-320 340-394
HMVEA91	3592	774609	AC015837	27794	1-144
HMVEF33	3593	701908	AC025747	27795	1-534
HMVEF33	3593	701908	AC008410	27796	1-534
HMVEH72	3594	750931	AC013499	27797	1-308
HMVEH72	3594	750931	AC009761	27798	1-709
HMWBE16	3595	527509	AL391136	27799	1-184
HMWBE16	3595	527509	AL391136	27800	1-275
HMWBE16	3595	527509	AL391136	27801	1-511
HMWBG29	3596	890878	AL049844	27802	1-3525 3602-4349 4471-5141 5317-7513
HMWBG29	3596	890878	AL049844	27803	1-440
HMWBK24	3599	524357	AL365367	27804	1-478
HMWBK24	3599	524357	AL365403	27805	1-478
HMWBK24	3599	524357	AC024913	27806	1-93
HMWBK24	3599	524357	AC008762	27807	1-94
HMWBK24	3599	524357	AC023490	27808	1-93
HMWBK24	3599	524357	AC007957	27809	1-93
HMWBK24	3599	524357	AL121652	27810	1-92
HMWBK24	3599	524357	AL365367	27811	1-89
HMWBK24	3599	524357	AL365403	27812	1-89
HMWBK24	3599	524357	AC024913	27813	1-357
HMWBK24	3599	524357	AC008762	27814	1-495 534-565 647-817 948-1264
HMWBK24	3599	524357	AC023490	27815	1-121
HMWBK24	3599	524357	AC007957	27816	1-358
HMWBN56	3601	745698	AL360296	27817	1-67 2428-2869 3144-3379
HMWBN56	3601	745698	AL360296	27818	1-388
HMWBO07	3602	839560	AC073320	27819	1-215 450-550 751-963 1947-2154 3417-3891 4361-4477 4682-5067 5123-5417

					5449-5561 5673-6658
HMWBO07	3602	839560	AC073320	27820	1-100
HMWBV45	3604	861152	AC021852	27821	1-634
HMWBV45	3604	861152	AC015941	27822	1-634
HMWBV45	3604	861152	AC026620	27823	1-634
HMWBV45	3604	861152	AC021852	27824	1-274
HMWBV45	3604	861152	AC015941	27825	1-1311
HMWBV45	3604	861152	AC021852	27826	1-1311
HMWBV45	3604	861152	AC015941	27827	1-276
HMWBV45	3604	861152	AC026620	27828	1-276
HMWBV45	3604	861152	AC026620	27829	1-1311
HMWCQ09	3606	924634	AP000944	27830	1-529
HMWCQ09	3606	924634	AP000441	27831	1-530
HMWCQ09	3606	924634	AC000353	27832	1-527
HMWCQ09	3606	924634	AP000441	27833	1-283
HMWCQ09	3606	924634	AP000441	27834	1-110
HMWCQ09	3606	924634	AC000353	27835	1-595
HMWCQ09	3606	924634	AC000353	27836	1-110
HMWCQ58	3607	738372	AL390026	27837	1-662
HMWCQ58	3607	738372	AL133543	27838	1-662
HMWCQ58	3607	738372	AL390026	27839	1-285
HMWCQ58	3607	738372	AL390026	27840	1-2339
HMWCQ58	3607	738372	AL133543	27841	1-285
HMWCQ58	3607	738372	AL133543	27842	1-2339
HMWCX60	3609	531395	AC025742	27843	1-342
HMWDD54	3610	932261	AC069244	27844	1-635
HMWDD54	3610	932261	AC069244	27845	1-116
HMWDF88	3612	906769	AC022146	27846	1-234 1992-2241 3219-3368 3374-3982 4252-4736 5400-5607 5778-6260
HMWDF88	3612	906769	AC022146	27847	1-571 1830-2590 2837-3236
HMWDF88	3612	906769	AC022146	27848	1-120
HMWDL52	3614	921603	AL158155	27849	1-335 3506-5138 5559-5706 6771-7615 7716-9032 12543-12799 12811-12834
HMWDQ83	3615	558021	AC069222	27850	1-760
HMWDQ83	3615	558021	AC022883	27851	1-760
HMWDQ83	3615	558021	AC024938	27852	1-760
HMWDQ83	3615	558021	AC022883	27853	1-348
HMWDQ83	3615	558021	AC024938	27854	1-348
HMWDW60	3616	712083	AC005343	27855	1-96 784-1143 1734-1849 2133-2401 3742-5557

HMWDY93	3617	573513	AP000812	27856	1-783
HMWDZ73	3618	573754	AL162585	27857	1-652 718-1687
HMWDZ73	3618	573754	AC010612	27858	1-652 718-1688
HMWDZ73	3618	573754	AC021581	27859	1-652 718-1687
HMWDZ77	3619	573494	AC012192	27860	1-458 1093-1294 1386-1490 1808-1961 2160-2640
HMWDZ77	3619	573494	AC012192	27861	1-449
HMWEG24	3621	781017	AC010254	27862	1-567
HMWEG24	3621	781017	AC008442	27863	1-890
HMWEG24	3621	781017	AC008442	27864	1-253
HMWEG24	3621	781017	AC008442	27865	1-154
HMWEK11	3623	967362	AC013715	27866	1-71 498-713 788-1183 1202-1445 1456-1741 2105-3186 5151-5294 5983-6093 7883-7962 7993-8304 8441-8948
HMWEK11	3623	967362	AC051661	27867	1-396 415-658 669-953 1317-2398
HMWEK11	3623	967362	AC051661	27868	1-216
HMWEK11	3623	967362	AC013715	27869	1-321
HMWEP07	3626	953749	AC032001	27870	1-947
HMWEP07	3626	953749	AC032001	27871	1-934
HMWES31	3627	861129	AC023093	27872	1-198
HMWES31	3627	861129	AC023093	27873	1-179
HMWES31	3627	861129	AL359815	27874	1-101 226-633 922-1329 1641-2134 4497-4582 5068-5220
HMWF010	3632	954979	AC024237	27875	1-221
HMWF010	3632	954979	AC012184	27876	1-222
HMWF010	3632	954979	AC024237	27877	1-240
HMWF010	3632	954979	AC012184	27878	1-240
HMWFR11	3636	967371	AL022318	27879	1-488 637-1052 1275-1427
HMWFU05	3637	861119	AC037438	27880	1-435
HMWFU05	3637	861119	AC027446	27881	1-434
HMWFU05	3637	861119	AC037438	27882	1-419
HMWFU05	3637	861119	AC027446	27883	1-419
HMWFU85	3638	659578	AC010900	27884	1-372

					1437-3039
HMWFU85	3638	659578	AC010900	27885	1-581
HMWFW75	3639	727236	AC007003	27886	1-520 1061-1449 1643-2621 4208-4295 4462-4762 5533-5786 5797-6218
HMWFW75	3639	727236	AC006995	27887	1-980 2557-2643 2810-3110 4188-4795 5124-5544 6044-9040 9046-9283 9772-9989 10403-10592 10615-10861 10925-13963 14262-14983
HMWFW75	3639	727236	AC007000	27888	1-1192 1740-1980 2324-3297 4882-4969 5136-5436 6223-6476 6487-7106 7435-7855 7977-12142 12173-12247
HMWFW75	3639	727236	AC005995	27889	1-278 601-895 1213-1644 2694-2806 2816-3193 3208-3431 4372-4512 5023-5115 5283-5590 6171-6424 6447-6795
HMWFW75	3639	727236	AC006014	27890	1-1533 2260-2403 2894-3811 5391-5478 5645-5945 7052-7659 7903-8408 8681-9613 10033-11894 13474-17953 17961-21161 21163-21418 21506-23629 23876-25000 25330-25629

					25806-26108 26527-26741 27724-27832 27877-28134 28505-29118 29179-29698 30220-30471 30918-31476 33359-33446 33613-33723 34757-35010 35021-35442 37343-39068
HMWFW75	3639	727236	AC004878	27891	1-980 2557-2644 2811-3111 4255-4862 5191-5611 5884-9106 9112-9349 9832-10053 10126-10433 10467-10656 10679-11417 11461-15048 15173-18370 18955-20842 21089-22211 23017-23232 25096-25345 25716-26329 26453-26909 28140-28698 30582-30669 30836-31136 32001-32686 34133-34567 35036-37131 37137-37181 38806-42375 42420-43181 43189-43972 44198-45300
HMWFW75	3639	727236	AC004980	27892	1-293
HMWFW75	3639	727236	AC005073	27893	1-1715 2222-2480 2882-3799 5384-5472 5637-5940 6637-7520 7849-8274 8396-11766 11769-12006 12486-12589 12647-12760 12798-13105 13347-14042

					14076-14293 14296-17861 17923-18121 18344-21676
HMWFW75	3639	727236	AC018720	27894	1-88 295-1846 3509-3598 3764-4061 4797-5399 6020-6423 6565-7094 7133-10962 11199-11233 11406-16414 16433-20188
HMWFW75	3639	727236	AC006480	27895	1-824 1727-2250 3167-3348 3382-3733 4181-4664 4957-5496 5585-5810 5829-6140 6329-6722 7752-8250 9690-10562 10591-11432 12438-12751 14763-15319 15478-15667 16874-16955 20911-21344 21469-21617 22041-22247 25096-25193 25336-25751 26609-26714 26798-27211 28295-28832 29914-30366 31336-31510 31520-32202 33873-33965 34131-34431 34675-34784 35103-35705 36242-36731 36873-37401 37440-37680 37699-41271 41712-50442
HMWFW75	3639	727236	AC061712	27896	1-1187 1189-1640 2241-2493 2825-3804
HMWFW75	3639	727236	AC004867	27897	1-1716 2250-2502

					2834-3813 5396-5483 5650-5950 6624-7332 7837-8257 8379-11753 11756-12384 12781-13088 13239-13304 13326-17824 17886-18086 18320-21988 22072-23613
HMWFW75	3639	727236	AC007003	27898	1-490 505-797 2376-2462 2639-2929
HMWFW75	3639	727236	AC005488	27899	1-1525 2823-3802 5381-5467 5634-5934 7010-7619 7948-8368 8868-11864 11870-12107 12594-12811 12884-13191 13225-13414 13437-14521 14529-17110 17190-17916 17924-21107 21551-23569 23842-24790 25294-25593 25666-26072 27692-27800 27845-28102 28538-29666 30322-30463 30913-31471 33356-33443 33610-33910 34799-35052 35063-35484 36553-37367 38056-39110
HMWFW75	3639	727236	AC005098	27900	1-1716 2360-2501 2897-3814 5395-5482 5649-5949 6624-7332 7837-8257 8530-11755 11758-12386 12495-12713

					12792-13099 13250-13315 13337-17835 17902-18103 18336-22003 22097-24218
HMWFW75	3639	727236	AC004166	27901	1-1716 2357-2498 2831-3810 5393-5480 5647-5947 6621-7329 7834-8254 8376-11750 11753-12381 12778-13085 13236-13301 13323-16669 16700-17821 17883-18016 18317-21985 22062-23603
HMWFW75	3639	727236	AC005071	27902	1-1715 2229-2480 2882-3799 5384-5472 5637-5962 6637-7520 7764-8274 8396-12010 13347-14042 14076-14293 14296-17861 17931-18121 18344-21358
HMWFW75	3639	727236	AC006995	27903	1-719
HMWFW75	3639	727236	AC007000	27904	1-2261 2328-3085 3093-6210 6306-6555 6630-8724 9378-10405 10433-10732 10766-11172 11591-11805 12605-13216
HMWFW75	3639	727236	AC005995	27905	1-67 288-401 1777-2219 4329-4450 5239-5630 5875-6421 6450-6890 7233-7757 9137-9342 9349-9391 13626-14083

					14301-14731 16036-16275 16311-16593 16940-17305 17384-17788 18148-19870 19994-20753 21066-21571 21834-22546 23505-24109 24750-24866 24907-25187 26265-26717 27645-27936 28141-28251 28622-28737 29040-29161 29747-30308 31846-32179 32227-32531 33493-33747
HMWFW75	3639	727236	AC007003	27906	1-614
HMWFW75	3639	727236	AC006014	27907	1-979
HMWFW75	3639	727236	AC006995	27908	1-1659
HMWFW75	3639	727236	AC007000	27909	1-35 200-361 374-4630 4674-5056 5071-7020
HMWFW75	3639	727236	AC005995	27910	1-272
HMWFW75	3639	727236	AC006014	27911	1-929 1161-4487 4579-5506 5664-5765 5979-9483 10048-10856 11336-11702 12041-12251 12253-12463 13816-13903 13917-14426
HMWFW75	3639	727236	AC004878	27912	1-255
HMWFW75	3639	727236	AC004878	27913	1-741 818-1073 1163-3038
HMWFW75	3639	727236	AC004980	27914	1-407
HMWFW75	3639	727236	AC004980	27915	1-517 1224-1740 1770-2298 2337-6170 6407-6441 6816-15196
HMWFW75	3639	727236	AC005073	27916	1-513 2138-2341 2878-3828 4039-4407 4438-5711

					6598-6908 6969-7501 7547-7645 7882-8496 8569-9146 9288-11595 11642-11927 12146-12299 12591-12757 13029-13369 13719-14460 14563-14623 14696-15271 15352-16582 16831-17249 17276-17914 17947-18016 18327-19493 19719-20635 21271-22015 22432-22985 23034-23359 24795-25234 26499-26923 27475-28264 28742-29110 29565-29655 29657-29867 30539-30779 31272-31718
HMWFW75	3639	727236	AC005073	27917	1-257
HMWFW75	3639	727236	AC018720	27918	1-1380
HMWFW75	3639	727236	AC006480	27919	1-1207
HMWFW75	3639	727236	AC061712	27920	1-114
HMWFW75	3639	727236	AC006480	27921	1-327
HMWFW75	3639	727236	AC061712	27922	1-405
HMWFW75	3639	727236	AC004867	27923	1-868 1145-2855 2954-4494 4586-5798 5910-9476 10040-10848 11092-11171 11330-11695 12154-12509 13065-13372 13935-14448
HMWFW75	3639	727236	AC004867	27924	1-583 834-1954
HMWFW75	3639	727236	AC005488	27925	1-867 1144-2852 2949-4487 4579-5789 5978-9485 10048-10911 11334-11700 12034-12509

					13205-13321 13907-14417
HMWFW75	3639	727236	AC005098	27926	1-866 1143-2850 2949-4489 4581-5793 5905-8184 8255-9460 10026-10834 11078-11157 11307-11672 12131-12486 13183-13299 13912-14426
HMWFW75	3639	727236	AC005488	27927	1-735 738-975
HMWFW75	3639	727236	AC004166	27928	1-868 1146-2858 2957-4497 4589-5801 5913-9479 10043-10851 11095-11174 11333-11698 12157-12512 13938-14451
HMWFW75	3639	727236	AC005098	27929	1-937
HMWFW75	3639	727236	AC004166	27930	1-583 834-1954
HMWFW75	3639	727236	AC005071	27931	1-896
HMWFW75	3639	727236	AC005071	27932	1-513 2138-2341 2878-3828 4039-4407 4438-5711 6609-6900 6969-7501 7547-7645 7882-8496 8569-9146 9288-11595 11642-11927 12146-12299 12591-12757 13029-13369 13719-14460 14563-14623 14709-15271 15352-16582 16831-17249 17276-17914 17947-18016 18327-19493 19719-20635 21586-21816 24795-25126 26501-26923

					27475-28264 28742-29110 29565-29655 29657-29867 31272-31718
HMWGC08	3640	959838	AL158048	27933	1-521
HMWGC08	3640	959838	AC041046	27934	1-521
HMWGC08	3640	959838	AL158048	27935	1-413
HMWGC08	3640	959838	AC041046	27936	1-413
HMWGC08	3640	959838	AL158048	27937	1-730 1351-1559 1659-2178
HMWGC08	3640	959838	AC041046	27938	1-519
HMWGF22	3641	861104	AL138712	27939	1-365
HMWGF22	3641	861104	AL138712	27940	1-560
HMWGF22	3641	861104	AL138712	27941	1-104
HMWGK95	3643	576885	AC068247	27942	1-401
HMWGK95	3643	576885	AC068247	27943	1-313 1543-1804
HMWGK95	3643	576885	AC068247	27944	1-586
HMWGQ80	3644	575822	AC041030	27945	1-427 808-1434
HMWGQ80	3644	575822	AC041030	27946	1-118
HMWGT07	3645	953454	AC025840	27947	1-240 265-775 2493-2540
HMWGU64	3646	823460	AL158148	27948	1-994 1419-3799
HMWGU64	3646	823460	AP002388	27949	1-2587 3012-4880
HMWGU64	3646	823460	AP002388	27950	1-484
HMWGV63	3647	576854	AC015936	27951	1-140 835-1130 1282-1947 2162-2360 4453-4828 5022-5166 5529-5991 7914-7983
HMWGV63	3647	576854	AC015936	27952	1-177
HMWGX50	3649	959293	AP002438	27953	1-2241
HMWGX50	3649	959293	AP001379	27954	1-2241
HMWGX50	3649	959293	AP002438	27955	1-379
HMWGX50	3649	959293	AP001379	27956	1-235
HMWGX50	3649	959293	AP002438	27957	1-234
HMWGX50	3649	959293	AP001379	27958	1-1803
HMWHA91	3650	684346	AL354823	27959	1-316
HMWHA91	3650	684346	AL354823	27960	1-390
HMWHB03	3651	861108	AC068290	27961	1-665
HMWHB03	3651	861108	AC068290	27962	1-142
HMWHB03	3651	861108	AC068290	27963	1-87
HMWHF58	3652	584538	AC073838	27964	1-367 930-4374 4473-6662
HMWHM30	3653	676413	AJ131498	27965	1-329
HMWHM30	3653	676413	AP000173	27966	1-329

HMWHM30	3653	676413	AJ131498	27967	1-431
HMWHM30	3653	676413	AJ131498	27968	1-454
HMWHM30	3653	676413	AP000173	27969	1-454
HMWHM30	3653	676413	AP000173	27970	1-431
HMWHS25	3655	678166	AP001332	27971	1-371
HMWHS25	3655	678166	AC026293	27972	1-371
HMWHS25	3655	678166	AP001332	27973	1-312
HMWHS25	3655	678166	AC026293	27974	1-312
HMWHS25	3655	678166	AC026293	27975	1-116
HMWIM26	3660	681845	AC019357	27976	1-152
HMWIQ47	3661	653198	AC016675	27977	1-149 1029-1450 1623-1790 4908-5098 5329-5424 6031-6159 6915-6953 7256-7356 9095-9306 9834-9877 9881-10239 10304-10343 10647-10835 10883-11500 11724-11881 13799-13876 14082-14288 14725-14852 16131-16583 18262-18719 18757-19994 20161-20420
HMWIQ47	3661	653198	AC005081	27978	1-149 1029-1450 4881-5071 5302-5397 6004-6132 6888-6926 7229-7329 9066-9254 9805-9848 9852-10211 10276-10315 10619-10807 10855-11472 11695-11852 12358-12468 13770-13847 14053-14259 14695-14822 16101-16553 18233-18690 18750-19965
HMWIQ47	3661	653198	AC016675	27979	1-720 2099-2265 2776-3550 3946-4146

					4976-5104 5781-6171 6476-7039 7384-7738 7837-8009 8434-8593 11644-11746
HMWIQ47	3661	653198	AC005081	27980	1-233
HMWIU48	3664	917690	AL358472	27981	1-294 370-417 629-810 1039-1514
HMWIU48	3664	917690	AL358472	27982	1-298
HMWIU48	3664	917690	AL358472	27983	1-1033
HMWIV48	3665	795649	AL355348	27984	1-136 431-1301 1574-1890 2156-2330 3985-5365 5682-5708 5717-6119 6345-6788 6825-7944 8078-8482 8672-8771 9055-9322 9382-9637 9954-10253 10384-10983 11005-11412 12555-13275 13454-16555
HMWIV48	3665	795649	AC004913	27985	1-96 468-616 3289-3763 7294-7456 7730-8589 8867-9183 9449-9606 11278-12658 13010-13412 13638-14081 14118-15237 15371-15775 15965-16064 16348-16615 16680-16935 17252-17551 17682-18281 18303-18710 19837-20557 20737-23885
HMWIV48	3665	795649	AL355348	27986	1-887
HMWIV48	3665	795649	AC004913	27987	1-887
HMWIV48	3665	795649	AC004913	27988	1-511
HMWIX21	3666	670972	AC018915	27989	1-289 561-1097

HMWIX21	3666	670972	AC021168	27990	1-289 561-1097
HMWIX21	3666	670972	AC018915	27991	1-330
HMWIX21	3666	670972	AC021168	27992	1-114
HMWIX21	3666	670972	AC021168	27993	1-330
HMWIZ03	3667	924227	AC026469	27994	1-281
HMWIZ03	3667	924227	AC026469	27995	1-281
HMWIZ03	3667	924227	AC026469	27996	1-98
HMWJC76	3669	688926	AL354712	27997	1-158
HMWJC76	3669	688926	AC019262	27998	1-158
HMWJC76	3669	688926	AL354712	27999	1-231
HMWJC76	3669	688926	AC019262	28000	1-231
HMWJG85	3671	918724	AC007622	28001	1-189 374-645 1167-1953 4185-4287
HMWJG85	3671	918724	AC007622	28002	1-305 554-864
HMWJH15	3672	757807	AC025006	28003	1-367
HMWJH15	3672	757807	AC024283	28004	1-367
HMWJH15	3672	757807	AL358118	28005	1-367
HMXAA03	3673	964494	AC021336	28006	1-72 551-1321 2193-2849 3186-3392 4101-4478 5466-5541 7691-7740 7771-7926 10682-10760 11460-11578 11966-12050
HMXAA03	3673	964494	AC021336	28007	1-704
HMXAB21	3677	714384	AL359752	28008	1-2312 2397-3539
HMXAB21	3677	714384	AL359752	28009	1-597
HMXAC70	3679	964492	AC073087	28010	1-125
HMXAC70	3679	964492	AC073087	28011	1-242 2801-3086 3960-4363 5481-5507
HNEAB76	3681	674781	AC008695	28012	1-291
HNEAB76	3681	674781	AC004620	28013	1-291
HNEAB76	3681	674781	AC008695	28014	1-443
HNEAB76	3681	674781	AC004620	28015	1-443
HNEAC51	3682	523767	AC023176	28016	1-162 443-739 1067-1458 1745-1877 1976-2119 2816-2883 3171-3294 3727-4154 4340-4442 5251-6126 6708-7176

					7418-7880 8134-8752 9979-10164 11234-11413 12532-12666 13313-13459 14761-14898 15208-15308 16207-16518
HNEAC51	3682	523767	AC023176	28017	1-178 293-506 542-940 1591-2005 2031-2104 2390-2509 3681-3797 4018-4165 4267-4381 4704-4736
HNEAJ21	3683	671370	AC061990	28018	1-1314
HNEAJ21	3683	671370	AC021322	28019	1-1314
HNEAJ21	3683	671370	AC019201	28020	1-1314
HNEAJ21	3683	671370	AC061990	28021	1-525 533-1297
HNEAJ21	3683	671370	AC021322	28022	1-1020
HNEAJ21	3683	671370	AC019201	28023	1-524 533-1297
HNEAJ21	3683	671370	AC019201	28024	1-1020
HNEAJ57	3684	735083	AC068751	28025	1-416
HNEAJ57	3684	735083	AL031005	28026	1-416
HNEAJ57	3684	735083	AC068751	28027	1-122 1554-1704 2345-2794 2807-2834
HNEAJ57	3684	735083	AC068751	28028	1-247
HNEAJ57	3684	735083	AL031005	28029	1-116
HNEAJ57	3684	735083	AL031005	28030	1-122 1554-1704 2345-2794 2807-2834
HNEAN61	3686	507302	AC023320	28031	1-886
HNEAN61	3686	507302	AC023320	28032	1-706
HNEAN61	3686	507302	AC023320	28033	1-164
HNEAN85	3687	524222	AL358433	28034	1-478 1174-1732 2440-3120 3338-3470 3927-4031 4151-5162 5243-5280 5766-6165 6284-6735 8070-8194 8336-8522 9271-9443 9511-9918 10308-10526

					12110-12305 12700-12859 13155-13254 13456-14400 14646-14739 15047-15914
HNEBI66	3688	529168	AC069281	28035	1-116 162-287 524-908 2457-2870 7262-7359 7999-8114 10731-11385 11397-11877 13771-13870 18994-19266 19377-19678 19887-20305 25998-26201 30938-31051
HNEBI66	3688	529168	AC069281	28036	1-197
HNEBJ08	3689	958742	AL360181	28037	1-179 187-510 640-842 904-971 1195-1352 1737-1811 2179-2290 2426-2987 3578-3792 4292-4354 4955-5924 6192-6583 6697-7686 7823-9359
HNEBM07	3692	954173	AC025414	28038	1-898
HNEBM07	3692	954173	AC011802	28039	1-898
HNEBM07	3692	954173	AC025414	28040	1-697 722-3480
HNEBM07	3692	954173	AC011802	28041	1-697 722-3480
HNEBY19	3693	527894	AL356420	28042	1-311
HNEBY19	3693	527894	AL356420	28043	1-406
HNEBY19	3693	527894	AL356420	28044	1-301
HNEBY26	3694	527891	AL355837	28045	1-474
HNEBY26	3694	527891	AL355837	28046	1-565
HNEBY30	3695	523571	AC027486	28047	1-162
HNEBY30	3695	523571	AC027486	28048	1-458
HNEBY44	3698	773793	AC025804	28049	1-327
HNEBY44	3698	773793	AC025804	28050	1-128
HNEBY46	3699	527887	AC006006	28051	1-425
HNEBY46	3699	527887	AC006006	28052	1-183
HNEBY48	3700	527895	AC023542	28053	1-317
HNEBY48	3700	527895	AC023542	28054	1-331
HNEBY48	3700	527895	AL021977	28055	1-317
HNEBY48	3700	527895	AC023542	28056	1-129
HNEBY48	3700	527895	AL021977	28057	1-117

HNEBY48	3700	527895	AL021977	28058	1-88
HNEBY71	3701	527883	AC012118	28059	1-250
HNEBY71	3701	527883	AC034138	28060	1-250
HNEBY71	3701	527883	AC012118	28061	1-88
HNEBY71	3701	527883	AC034138	28062	1-2145
HNEBY71	3701	527883	AC034138	28063	1-88
HNECD65	3702	861062	AC055120	28064	1-533
HNECD65	3702	861062	AC055120	28065	1-443
HNECD65	3702	861062	AC055120	28066	1-637
HNECF59	3705	507208	AC008542	28067	1-1412 1505-2999 3853-4023 4214-4346 4615-5204 5306-5377 5492-5608 5770-6169 6648-7168 7289-7442 7866-7942 8040-8723 8755-9920 10076-10521 10747-11178 11546-11649 11660-11960 12592-12685 12781-12949 12989-13097 13163-13441 13498-15799 16037-16328 17434-17481
HNECF59	3705	507208	AC008404	28068	1-1846
HNECF59	3705	507208	AC023788	28069	1-154 578-654 752-1435 1467-2633 2789-3234 3460-3733 3875-3978 4010-4273 4921-5014 5110-5761 5818-8122
HNECF59	3705	507208	AC008542	28070	1-153 637-1449 1570-1916 2032-2133 2175-2634 3393-3759 3927-5655
HNECF59	3705	507208	AC008404	28071	1-292
HNECF59	3705	507208	AC023788	28072	1-520
HNECF59	3705	507208	AC023788	28073	1-290
HNECF76	3706	506532	AC031978	28074	1-509 787-1159

					1256-1670 2179-2779 3028-3227 3307-3816 4090-4193 4926-5105 5203-5628 6078-7654 7723-8191 8290-9353 9574-9769 13869-14095 14719-14859 15157-15759 15796-16141
HNECF76	3706	506532	AC031978	28075	1-732 915-1304
HNECK67	3710	527100	AL161445	28076	1-39 488-887 5982-6550
HNECK67	3710	527100	AL161445	28077	1-463
HNECK67	3710	527100	AL161445	28078	1-537
HNECK83	3711	935045	AC073219	28079	1-342 465-681 887-1198 1281-4151
HNECK83	3711	935045	AC055729	28080	1-2185
HNECK83	3711	935045	AC073219	28081	1-691
HNECK83	3711	935045	AC055729	28082	1-691
HNECM64	3713	861031	AC022156	28083	1-154 1145-1275 3233-3477 4485-4589 8380-8443 8667-8759 10822-11112 11473-11553
HNECM64	3713	861031	AC022149	28084	1-154 1145-1275 3233-3477 6046-6152 8280-8343 8567-8659 10722-11012 11373-11453
HNECM64	3713	861031	AC022156	28085	1-119
HNECM64	3713	861031	AC022149	28086	1-119
HNECO69	3714	861068	AC004974	28087	1-382
HNECR93	3715	529868	AC025280	28088	1-291
HNECR93	3715	529868	AC025280	28089	1-300
HNECR93	3715	529868	AC025280	28090	1-332
HNECS77	3716	527511	AC011885	28091	1-592
HNECS77	3716	527511	AC013434	28092	1-592
HNECS77	3716	527511	AC011885	28093	1-364
HNECS77	3716	527511	AC013434	28094	1-364
HNECT70	3717	958356	AP000902	28095	1-577
HNECT70	3717	958356	AC019358	28096	1-296

HNECT70	3717	958356	AP000902	28097	1-317
HNECT70	3717	958356	AP000902	28098	1-755
HNECT70	3717	958356	AC019358	28099	1-317
HNECV31	3718	466977	AC024047	28100	1-300
HNECV31	3718	466977	AC024047	28101	1-524
HNECV66	3719	575633	AC024047	28102	1-332
HNECV66	3719	575633	AC024047	28103	1-2162
HNECW09	3720	968378	AC004034	28104	1-656
HNECW09	3720	968378	AC004235	28105	1-914
HNECW09	3720	968378	AC004235	28106	1-208
HNECW09	3720	968378	AC004034	28107	1-270
HNECW09	3720	968378	AC004235	28108	1-1126
HNEDD80	3725	507186	AC012264	28109	1-1421
HNEDD90	3726	789187	AC073532	28110	1-374
HNEDD90	3726	789187	AC010191	28111	1-381
HNEDD90	3726	789187	AC010191	28112	1-419
HNEDD90	3726	789187	AC010191	28113	1-167
HNEDE48	3727	721895	AC073610	28114	1-738 846-1019 1287-1325 1484-1654 1911-2381 2698-2751 2853-2897 3034-3590 3642-4106 4814-5302 5963-6804 6867-7283 7361-7465 8058-8944 9091-9281 9886-10257 10417-10842 13474-13579 15368-16013 16126-16525
HNEDE48	3727	721895	AC025256	28115	1-599 1192-2078 2225-2415
HNEDE48	3727	721895	AC019242	28116	1-465
HNEDE48	3727	721895	AC011603	28117	1-887
HNEDE48	3727	721895	AC073610	28118	1-101
HNEDE48	3727	721895	AC025256	28119	1-842
HNEDE48	3727	721895	AC073610	28120	1-1739
HNEDE48	3727	721895	AC019242	28121	1-422
HNEDE48	3727	721895	AC011603	28122	1-191
HNEDE48	3727	721895	AC011603	28123	1-565
HNEDE59	3728	527060	AC034247	28124	1-304
HNEDE59	3728	527060	AC025181	28125	1-252
HNEDF71	3729	572390	AL109923	28126	1-699
HNEDF71	3729	572390	AL109923	28127	1-804
HNEDF71	3729	572390	AL109923	28128	1-214
HNEDG35	3731	790570	AL136219	28129	1-546
HNEDG35	3731	790570	AL136219	28130	1-223
HNEDG35	3731	790570	AL136219	28131	1-135

HNEDG56	3732	746708	AC007643	28132	1-351 10302-10721 10836-11053 11256-11687 11807-11910 12329-12675 13340-13678 16697-16760 17006-17215 18285-19670 20038-21690 27641-27960
HNEDG56	3732	746708	AC007643	28133	1-313
HNEDH54	3733	527505	AC018391	28134	1-328
HNEDH54	3733	527505	AC018391	28135	1-594
HNEDH96	3734	697747	AC022169	28136	1-772
HNEDH96	3734	697747	AC022169	28137	1-607
HNEDH96	3734	697747	AC022169	28138	1-116
HNEDI80	3735	573138	AC005306	28139	1-388
HNEDI80	3735	573138	AC005306	28140	1-327
HNEDI80	3735	573138	AC005306	28141	1-372
HNEDK04	3736	923910	AP001187	28142	1-813
HNEDK04	3736	923910	AP001558	28143	1-821 933-1066 1162-1236 1413-1497 2040-2160 2292-2447 3467-3619 3700-3829 3849-4362
HNEDK04	3736	923910	AP000928	28144	1-1063 1156-1268 1388-1843 2027-3608 3686-4365
HNEDK04	3736	923910	AP000814	28145	1-1064 1157-1269 1389-1863 2033-3614 3692-4372
HNEDK04	3736	923910	AC000159	28146	1-245 2708-2870 2975-3088 4069-4173 4334-4434 4455-4580 4783-4881 4959-5123 5226-5273 7863-7937 8078-8215 9315-9461 9545-9683 9793-9869 11573-11645 13537-13623

					13846-13924 14046-17031 17795-18179 18311-19373 19466-19578 19698-20172 20342-21923 22001-22680
HNEDK04	3736	923910	AP000814	28147	1-385
HNEDK04	3736	923910	AP001187	28148	1-98
HNEDK04	3736	923910	AP000928	28149	1-373
HNEDK04	3736	923910	AP000814	28150	1-373
HNEDK04	3736	923910	AC000159	28151	1-373
HNEDK16	3737	702570	AP001187	28152	1-813
HNEDK16	3737	702570	AP001558	28153	1-821 933-1066 1162-1236 1413-1497 2040-2160 2292-2447 3467-3619 3700-3829 3849-4362
HNEDK16	3737	702570	AP000928	28154	1-1063 1156-1268 1388-1843 2027-3608 3686-4365
HNEDK16	3737	702570	AP000814	28155	1-1064 1157-1269 1389-1863 2033-3614 3692-4372
HNEDK16	3737	702570	AC000159	28156	1-245 2708-2870 2975-3088 4069-4173 4334-4434 4455-4580 4783-4881 4959-5123 5226-5273 7863-7937 8078-8215 9315-9461 9545-9683 9793-9869 11573-11645 13537-13623 13846-13924 14046-17031 17795-18179 18311-19373 19466-19578 19698-20172 20342-21923 22001-22680

HNEDK16	3737	702570	AP000814	28157	1-385
HNEDK16	3737	702570	AP001187	28158	1-98
HNEDK16	3737	702570	AP000928	28159	1-373
HNEDK16	3737	702570	AP000814	28160	1-373
HNEDK16	3737	702570	AC000159	28161	1-373
HNEDK22	3738	527503	AL162261	28162	1-576 945-1069 1089-1216 1388-2288
HNEDK22	3738	527503	AC015618	28163	1-576 1061-1199 1803-2277
HNEDK22	3738	527503	AL358813	28164	1-1980 2259-2744 3049-3917 3919-4069 4602-5250 5987-6130 8285-8389 8403-8556
HNEDK22	3738	527503	AC018593	28165	1-1980 2259-2744 3049-3917 3919-4069 4602-5250 5987-6130 8286-8390 8404-8557
HNEDK22	3738	527503	AL356957	28166	1-485
HNEDK22	3738	527503	AC024468	28167	1-187 1091-3350 3450-4168 4322-5430 6118-6599 7344-7485 9635-9903
HNEDK22	3738	527503	AL162612	28168	1-246 1025-3024 3308-3794 4122-4635 4677-4991 4993-5144 5664-6312 7051-7194 9349-9453 9466-9620
HNEDK22	3738	527503	AL355800	28169	1-576 1061-1199 1803-2276
HNEDK22	3738	527503	AL355149	28170	1-576 1064-1194 1802-2275
HNEDK22	3738	527503	AL137802	28171	1-576 1064-1194 1802-2275
HNEDK22	3738	527503	AL162261	28172	1-454
HNEDK22	3738	527503	AC015618	28173	1-453

HNEDK22	3738	527503	AL358813	28174	1-246
HNEDK22	3738	527503	AC018593	28175	1-579
HNEDK22	3738	527503	AL356957	28176	1-246 1037-3036
HNEDK22	3738	527503	AL358813	28177	1-579
HNEDK22	3738	527503	AC018593	28178	1-246
HNEDK22	3738	527503	AL356957	28179	1-869 871-1021
HNEDK22	3738	527503	AC024468	28180	1-478
HNEDK22	3738	527503	AC024468	28181	1-835
HNEDK22	3738	527503	AL162612	28182	1-379
HNEDK22	3738	527503	AL162612	28183	1-579
HNEDK22	3738	527503	AL355800	28184	1-453
HNEDK22	3738	527503	AL355149	28185	1-454
HNEDK22	3738	527503	AL137802	28186	1-454
HNEDN42	3740	527499	AC005222	28187	1-183
HNEDN42	3740	527499	AC012676	28188	1-183
HNEDN42	3740	527499	AC005222	28189	1-466
HNEDN42	3740	527499	AC012676	28190	1-466
HNEDO95	3741	573136	AP000873	28191	1-313
HNEDO95	3741	573136	AP001767	28192	1-313
HNEDO95	3741	573136	AP000873	28193	1-487
HNEDO95	3741	573136	AP001767	28194	1-487
HNEDQ68	3743	586485	AC023045	28195	1-1040
HNEDQ68	3743	586485	AC023045	28196	1-516
HNEDR48	3744	683470	AL157877	28197	1-437
HNEDR48	3744	683470	AL157877	28198	1-671
HNEDR48	3744	683470	AL157877	28199	1-482
HNEDS18	3746	954586	AC040979	28200	1-1624
HNEDS18	3746	954586	AC040979	28201	1-98
HNEDS18	3746	954586	AC040979	28202	1-488 1037-1519
HNEDS29	3747	703032	AC069320	28203	1-247
HNEDS29	3747	703032	AC069320	28204	1-268
HNEDS29	3747	703032	AC069320	28205	1-366
HNEDU01	3748	909832	AL162592	28206	1-49 652-770 1732-1815 1965-2073 3054-3182
HNEEA41	3749	868102	AC012246	28207	1-646
HNEEA41	3749	868102	AC012246	28208	1-490
HNEEA41	3749	868102	AC012246	28209	1-443
HNEEB62	3750	573185	AC015815	28210	1-326 522-720 933-1418 1663-1774 2388-2890
HNEEB62	3750	573185	AC068169	28211	1-486
HNEEB62	3750	573185	AC068594	28212	1-326 522-720 933-1418 1663-1774 2389-2891
HNEEB62	3750	573185	AC068169	28213	1-199
HNEEB62	3750	573185	AC015815	28214	1-347

HNEEB62	3750	573185	AC068594	28215	1-347
HNEEB84	3751	781940	AC074195	28216	1-333
HNEEB84	3751	781940	AC019059	28217	1-333
HNEEB84	3751	781940	AC019059	28218	1-498
HNEEB84	3751	781940	AC074195	28219	1-721
HNEEB84	3751	781940	AC019059	28220	1-676
HNEEC81	3752	844318	AL357335	28221	1-353
HNEEC81	3752	844318	AL031729	28222	1-355
HNEEC81	3752	844318	AL031729	28223	1-309
HNEEC81	3752	844318	AL031729	28224	1-112
HNEED12	3753	893698	AC023864	28225	1-142
HNEED12	3753	893698	AC005994	28226	1-624
HNEED12	3753	893698	AC023864	28227	1-1485 1590-4704
HNEED12	3753	893698	AC005994	28228	1-454
HNFAA13	3755	667712	AL031717	28229	1-466
HNFAA13	3755	667712	AL031717	28230	1-137
HNFAA13	3755	667712	AL031717	28231	1-520 1115-1155 2041-2693 3662-3763 4016-4217 4759-5665 6549-8184
HNFAA80	3756	781578	AC013466	28232	1-342 382-1151 1315-2539 2886-3025 3117-3197 3465-3729 4250-4626 8414-8616 8714-8915 9708-12376 13004-13246 15787-16092
HNFAA83	3757	530295	AC025527	28233	1-287
HNFAE07	3759	861069	AC016050	28234	1-336
HNFAE07	3759	861069	AC066616	28235	1-336
HNFAE07	3759	861069	AC016050	28236	1-96 1004-1330 1800-1928 3580-4350 4500-5140 6019-6293 8963-9706 9972-12801
HNFAE07	3759	861069	AC066616	28237	1-96 1004-1330 1800-1928 3574-4344 4494-5134 6013-6287 8957-9700 9966-12796
HNFAF40	3760	861021	AL162586	28238	1-302
HNFAF40	3760	861021	AC007430	28239	1-302

HNFAF40	3760	861021	AL162586	28240	1-264
HNFAF40	3760	861021	AC007430	28241	1-263
HNFAG69	3761	530349	AC018881	28242	1-176
HNFAH45	3762	662053	AC007249	28243	1-756
HNFBSS51	3763	530064	AC021159	28244	1-568
HNFBSS51	3763	530064	AC008429	28245	1-683
HNFBSS51	3763	530064	AC008429	28246	1-356
HNFCI41	3767	861014	AP000777	28247	1-614
HNFCI41	3767	861014	AP000777	28248	1-288
HNFCI77	3768	761390	AC068594	28249	1-476
HNFCI77	3768	761390	AC068169	28250	1-476
HNFCI77	3768	761390	AC034138	28251	1-476
HNFCI77	3768	761390	AC068169	28252	1-204
HNFCI77	3768	761390	AC068594	28253	1-185
HNFCI77	3768	761390	AC034138	28254	1-290
HNFCOS4	3770	927836	AC027486	28255	1-39 199-660 814-1195 1815-2073
HNFCOS4	3770	927836	AC027486	28256	1-300
HNFCCT27	3771	529964	AL079300	28257	1-363
HNFCW14	3773	955293	AC002091	28258	1-406
HNFCW14	3773	955293	AC002091	28259	1-398
HNFCW14	3773	955293	AC002091	28260	1-297
HNFCY33	3774	861005	AC023339	28261	1-356 2221-2601 3307-3472 4229-4338 4392-4878 5545-5641
HNFCY33	3774	861005	AC073655	28262	1-487
HNFCY33	3774	861005	AC023339	28263	1-436
HNFCY33	3774	861005	AC073655	28264	1-560
HNFCY33	3774	861005	AC073655	28265	1-381 2007-2116
HNFDC21	3775	529867	AC068936	28266	1-289
HNFDC21	3775	529867	AC006405	28267	1-151 718-1167 4905-5277 5883-6298 7077-7761 9192-9480 11501-11587 12293-12605 12645-12725 13048-13908 14254-14379 15205-16831
HNFDC21	3775	529867	AC006405	28268	1-170
HNFDC21	3775	529867	AC006405	28269	1-118 196-297 365-520 1116-1234 1321-1392 2086-2209 2332-2414

					2629-2741 2849-2935 3228-3321 3456-3671 3768-3997 4765-5240 5794-5890 5971-6014 6136-6217 6385-6485 7628-7716 8325-8727 8804-8926 9493-9609 9681-9760 10044-10212 10311-10399 10499-10663 11218-11565 11580-11990 12342-12485 12535-12588 12715-12822
HNFDC91	3776	496241	AL135919	28270	1-516
HNFDC91	3776	496241	AC021838	28271	1-516
HNFDC91	3776	496241	AL135919	28272	1-90
HNFDC91	3776	496241	AC021838	28273	1-90
HNFDK40	3778	854017	AC024189	28274	1-488
HNFDK40	3778	854017	AC006441	28275	1-489
HNFDK40	3778	854017	AC024189	28276	1-94
HNFDK40	3778	854017	AC024189	28277	1-105
HNFDK40	3778	854017	AC006441	28278	1-408
HNFDN04	3779	537317	AC025431	28279	1-499
HNFDN04	3779	537317	AC025431	28280	1-106
HNFDN04	3779	537317	AC025431	28281	1-447
HNFDN41	3780	712571	AL365441	28282	1-113 964-1375 1700-1926 2122-3380 5109-5504 5884-6053 6468-6895 6915-7260 7640-7950 8337-10159
HNFDN41	3780	712571	Z98884	28283	1-113 964-1375 1719-1926 2122-3380 5109-5504 5884-6053 6468-6895 7662-7948 8337-10159
HNFDR41	3780	712571	AL365441	28284	1-2884
HNFDR41	3780	712571	Z98884	28285	1-2885
HNFDR35	3785	527500	AC051661	28286	1-476

HNFDR35	3785	527500	AC051661	28287	1-589
HNFDR35	3785	527500	AC051661	28288	1-815
HNFDR83	3786	537343	AL161669	28289	1-339
HNFDR83	3786	537343	AL161669	28290	1-222
HNFDV41	3787	537337	AC016182	28291	1-506
HNFDV41	3787	537337	AC016182	28292	1-460
HNFED22	3788	537334	AC026968	28293	1-2335
HNFED22	3788	537334	AL356261	28294	1-2335
HNFED22	3788	537334	AL035406	28295	1-2333
HNFED22	3788	537334	AC026968	28296	1-472
HNFED22	3788	537334	AL356261	28297	1-472
HNFED22	3788	537334	AL035406	28298	1-472
HNFEF43	3790	424792	AC023320	28299	1-625
HNFEF43	3790	424792	AC023320	28300	1-563
HNFEF83	3791	850982	AC023176	28301	1-162 443-739 1067-1458 1745-1877 1976-2119 2816-2883 3171-3294 3727-4154 4340-4442 5251-6126 6708-7176 7418-7880 8134-8752 9979-10164 11234-11413 12532-12666 13313-13459 14761-14898 15208-15308 16207-16518
HNFEF83	3791	850982	AC023176	28302	1-178 293-506 542-940 1591-2005 2031-2104 2390-2509 3681-3797 4018-4165 4267-4381 4704-4736
HNFEF95	3792	971171	AC023048	28303	1-288
HNFEF95	3792	971171	AC073539	28304	1-253
HNFEG09	3793	526641	AC055713	28305	1-292 437-1518 1525-1830 2226-2268 3345-3485 3500-3535
HNFEG09	3793	526641	AC055713	28306	1-1264
HNFEG09	3793	526641	AC055713	28307	1-425
HNFEG31	3794	934595	AC008435	28308	1-66 331-793 820-3054

HNFEH12	3795	825406	AC027819	28309	1-178 731-1138 1277-1576
HNFEH12	3795	825406	AF196970	28310	' 1-510 807-951 2066-2159 2259-2512 2604-2660 3304-3481 4034-4441 4580-4978 5185-5591 5843-5964 7106-7221 7425-7954
HNFEH12	3795	825406	AC027819	28311	1-279
HNFEH12	3795	825406	AF196970	28312	1-393
HNFEM76	3798	860967	L81825	28313	1-800
HNFEM76	3798	860967	AC008497	28314	1-800
HNFEM76	3798	860967	AC004749	28315	1-800
HNFEM76	3798	860967	AC009010	28316	1-800
HNFEM76	3798	860967	AC009016	28317	1-800
HNFEM76	3798	860967	L81825	28318	1-455
HNFEM76	3798	860967	L81825	28319	1-295
HNFEM76	3798	860967	AC008497	28320	1-295
HNFEM76	3798	860967	AC004749	28321	1-869
HNFEM76	3798	860967	AC008497	28322	1-869
HNFEM76	3798	860967	AC004749	28323	1-295
HNFEM76	3798	860967	AC009010	28324	1-295
HNFEM76	3798	860967	AC009010	28325	1-869
HNFEM76	3798	860967	AC009016	28326	1-869
HNFEM76	3798	860967	AC009016	28327	1-295
HNFEN20	3800	669916	AC036158	28328	1-295
HNFEN20	3800	669916	AC036158	28329	1-347
HNFE061	3801	530355	AL117209	28330	1-549
HNFE061	3801	530355	AL117209	28331	1-323
HNFE061	3801	530355	AL117209	28332	1-371
HNFER89	3802	787086	AC018552	28333	1-103 242-356 479-1465 3671-3861
HNFER89	3802	787086	AC018552	28334	1-96 289-617 1256-1542 2572-4992
HNFES44	3803	860920	AL157371	28335	1-416
HNFES44	3803	860920	AL136131	28336	1-416
HNFES44	3803	860920	AL157371	28337	1-306
HNFES44	3803	860920	AL136131	28338	1-306
HNFEU62	3804	574398	AC004914	28339	1-268
HNFFB21	3807	671263	AC015817	28340	1-405
HNFFC21	3808	574693	AC008576	28341	1-507
HNFFC21	3808	574693	AC027726	28342	1-507
HNFFC21	3808	574693	AC008576	28343	1-462
HNFFC21	3808	574693	AC027726	28344	1-213
HNFFC21	3808	574693	AC027726	28345	1-349

HNFFK15	3815	920748	AC007283	28346	1-580 881-1024 1497-1702 3137-3278 3304-3428 3533-3622
HNFFK15	3815	920748	AC007283	28347	1-610 853-1492 1571-1845 2811-3111 3216-3956 4392-4785 5487-5533 6071-6478 9104-9160 9769-10028 10340-10400 11622-12055 12247-14376 14647-17469 17947-18339 18429-18566 19104-19466 19855-20456 20604-21311 21402-22070 22569-22699 23082-24191 24390-25207 27940-28463 29045-29375 29928-30038 31027-31483 35358-36017 36082-36907 38055-38358
HNFFK15	3815	920748	AC007283	28348	1-801
HNFFK61	3817	740644	AC005098	28349	1-903 1810-2133 2255-2383 3422-3503 5017-5141 5174-5598 5721-6645 6861-7260 7283-7446 7724-7805 9111-9815 10187-10633 10838-10939 10957-11253 11357-14887 15006-15554
HNFFK61	3817	740644	AC004166	28350	1-903 2254-2382 3451-3532 5026-5150

					5183-5607 5730-6654 6870-7269 7292-7454 7732-7813 9117-9821 10193-10640 10845-10946 10964-11260 11364-12516 12610-14891 15010-15558
HNFFK61	3817	740644	AC004883	28351	1-903 3451-3532 5026-5150 5183-5607 5730-6654 6870-7269 7292-7454 7732-7813 9117-9821 10193-10639 10844-10945 10963-11259 11363-12516 12610-13964 14001-14888 15007-15555
HNFFK61	3817	740644	AC005080	28352	1-903 1810-2130 2252-2380 3419-3498 5012-5144 5169-5593 5716-6640 6856-7255 7330-7432 7716-7797 9105-9809 10181-10625 10830-10931 10949-11245 11349-14880 14999-15547
HNFFK61	3817	740644	AC005098	28353	1-574
HNFFK61	3817	740644	AC005098	28354	1-443
HNFFK61	3817	740644	AC004166	28355	1-574
HNFFK61	3817	740644	AC004166	28356	1-443
HNFFK61	3817	740644	AC004883	28357	1-574
HNFFK61	3817	740644	AC004883	28358	1-1247
HNFFK61	3817	740644	AC005080	28359	1-574
HNFFK61	3817	740644	AC005080	28360	1-443
HNFFM25	3818	705856	AC006165	28361	1-153 256-1782 1869-2685 2766-3299 3543-3990

					4755-4931 5175-5337 5807-6087 6226-6455 7594-8044 8215-8373 9157-9392 9509-9883 11475-11999 12043-13604 13610-13734 13800-14134 14501-15266
HNFFM25	3818	705856	AB023051	28362	1-153 256-1782 1869-2685 2766-3299 3543-3990 4755-4931 5175-5337 5811-6091 6230-6459 7598-8048 8219-8377 9162-9397 9514-9888 11480-12004 12048-13609 13615-13739 13805-14139 14506-15271
HNFFM25	3818	705856	AC006165	28363	1-1342 1447-1578
HNFFM25	3818	705856	AC006165	28364	1-2094 2393-2516 2641-2911 3529-3786 4862-5131
HNFFM25	3818	705856	AB023051	28365	1-1342 1447-1578
HNFFM25	3818	705856	AB023051	28366	1-2094 2393-2516 2641-2911 3529-3786 4862-5139
HNFFO61	3819	742049	AC048337	28367	1-77 164-249 531-863 1301-1432 4200-4544 4797-5183 5425-5465 5906-6452 6717-6827 6998-7314 7927-9516
HNFFO61	3819	742049	AC011216	28368	1-59

					229-432 988-1040 1862-2012 3678-3754 3841-3928 4208-4540 4978-5109 7877-8221 8474-8860 9101-9143 9585-10128 10393-10503 10674-10990 11603-13192
HNFFO61	3819	742049	AC048337	28369	1-3316
HNFFO61	3819	742049	AC011216	28370	1-3316
HNFFO76	3820	727306	AL359771	28371	1-618
HNFFO76	3820	727306	AL359771	28372	1-129
HNFFR05	3821	860851	AC073347	28373	1-119
HNFFR05	3821	860851	AL109765	28374	1-137
HNFFR05	3821	860851	AC067818	28375	1-111
HNFFR05	3821	860851	AC069506	28376	1-115
HNFFR05	3821	860851	AL390854	28377	1-120
HNFFR05	3821	860851	AC007448	28378	1-133
HNFFR05	3821	860851	AC073037	28379	1-102
HNFFR05	3821	860851	AC041003	28380	1-165
HNFFR05	3821	860851	AC061993	28381	1-92
HNFFR05	3821	860851	AL359546	28382	1-111
HNFFR05	3821	860851	AC013814	28383	1-135
HNFFR05	3821	860851	AC019253	28384	1-114
HNFFR05	3821	860851	AC021802	28385	1-130
HNFFR05	3821	860851	AC022876	28386	1-138
HNFFR05	3821	860851	AP001276	28387	1-94
HNFFR05	3821	860851	AC024267	28388	1-119
HNFFR05	3821	860851	AL359253	28389	1-113
HNFFR05	3821	860851	AC015999	28390	1-123
HNFFR05	3821	860851	AC027415	28391	1-118
HNFFR05	3821	860851	AL360003	28392	1-100
HNFFR05	3821	860851	AC018711	28393	1-103
					581-1036
HNFFR05	3821	860851	AL355680	28394	1-103
HNFFR05	3821	860851	AC015916	28395	1-119
HNFFR05	3821	860851	AC025145	28396	1-122
HNFFR05	3821	860851	AC022519	28397	1-125
HNFFR05	3821	860851	AC022613	28398	1-106
HNFFR05	3821	860851	AC041019	28399	1-113
HNFFR05	3821	860851	AC067815	28400	1-271
HNFFR05	3821	860851	AC067915	28401	1-99
HNFFR05	3821	860851	AP000890	28402	1-104
HNFFR05	3821	860851	AC008983	28403	1-89
HNFFR05	3821	860851	AL356577	28404	1-90
HNFFR05	3821	860851	AP001085	28405	1-125
HNFFR05	3821	860851	AP002353	28406	1-122
HNFFR05	3821	860851	AC015565	28407	1-93
HNFFR05	3821	860851	AL358793	28408	1-111
HNFFR05	3821	860851	AC007940	28409	1-101

HNFFR05	3821	860851	AC025273	28410	1-97
HNFFR05	3821	860851	AC021248	28411	1-113
HNFFR05	3821	860851	AC025800	28412	1-100
HNFFR05	3821	860851	AC010147	28413	1-121
HNFFR05	3821	860851	AC073415	28414	1-113
HNFFR05	3821	860851	AC022931	28415	1-139
HNFFR05	3821	860851	AP000485	28416	1-133
HNFFR05	3821	860851	AC004604	28417	1-113
HNFFR05	3821	860851	AC012568	28418	1-414
HNFFR05	3821	860851	AC025800	28419	1-386 417-847
HNFFR05	3821	860851	AC010147	28420	1-635
HNFFR05	3821	860851	AC073415	28421	1-219
HNFFR05	3821	860851	AP000485	28422	1-810
HNFFR05	3821	860851	AC004604	28423	1-158
HNFFR05	3821	860851	AC012568	28424	1-277
HNFFR05	3821	860851	AC012568	28425	1-308
HNFFR46	3822	574618	AC008666	28426	1-193 954-1199 1396-1462 1977-2106
HNFFR46	3822	574618	AC008641	28427	1-809 1725-3114 3668-3861 4622-4867 5061-5130 5635-5774 6846-6983 9156-9300 9745-10145 11322-11875 12070-12230 12251-12733 12956-13023 13169-13578 13863-13987 15923-16016 19885-20010
HNFFR46	3822	574618	AC008641	28428	1-1041 2500-3380 4138-4323 5634-5795 6215-6613 6742-7575 7726-7834 8188-9866
HNFFS23	3824	574677	AC012634	28429	1-293
HNFFS23	3824	574677	AC026972	28430	1-293
HNFFS46	3825	574669	AL078644	28431	1-161 169-298
HNFFS46	3825	574669	AL078644	28432	1-509
HNFFS96	3826	860904	AL356356	28433	1-1135 1151-1375 1632-1734 2345-2462 3074-3145 3316-3419

HNFFS96	3826	860904	AL356356	28434	1-716 1136-1238 1374-1825 2108-3074 3752-3848 3946-4028 4186-4289 4365-4416 5668-5885
HNFFT30	3827	574616	AP000814	28435	1-48 152-316 394-492 695-820 841-941 1102-1206
HNFFT30	3827	574616	AP001558	28436	1-48 151-316 395-493 696-821 842-942 1103-1207
HNFFT30	3827	574616	AC000159	28437	1-680 758-2339 2509-2983 3103-3215 3308-4370 4502-4886 5650-8635 8757-8835 9058-9144 11036-11108 12812-12888 12998-13136 13220-13366 14466-14603 14744-14818 17408-17455 17558-17722 17800-17898 18101-18226 18247-18347 18508-18612 19593-19706 19811-19973 22436-22680
HNFFT30	3827	574616	AP001558	28438	1-114 219-367
HNFFT30	3827	574616	AC000159	28439	1-373
HNFFT71	3829	574617	AP001813	28440	1-488
HNFFT71	3829	574617	AP001354	28441	1-488
HNFFT83	3830	506711	Z82215	28442	1-673
HNFFT83	3830	506711	Z82215	28443	1-110
HNFFT83	3830	506711	Z82215	28444	1-261
HNFFV05	3831	932364	AC013394	28445	1-407
HNFFV05	3831	932364	AC013394	28446	1-756 898-1291 1732-2021

					2204-2497 3630-8446
HNFFV05	3831	932364	AC013394	28447	1-528
HNFFV66	3832	574153	AL133124	28448	1-324
HNFFV66	3832	574153	AL136327	28449	1-324
HNFFV66	3832	574153	AL133124	28450	1-2174
HNFFV66	3832	574153	AL136327	28451	1-1216
HNFFX21	3834	574217	AC002430	28452	1-954
HNFFX21	3834	574217	AC007384	28453	1-954
HNFFX21	3834	574217	AC002430	28454	1-553 2933-3059
HNFFX21	3834	574217	AC007384	28455	1-553 2933-3059
HNFFZ53	3837	526845	AL135919	28456	1-483
HNFFZ53	3837	526845	AC021838	28457	1-440
HNFFZ53	3837	526845	AC021838	28458	1-166
HNFFZ53	3837	526845	AL135919	28459	1-154
HNFFZ89	3838	913701	AC007005	28460	1-1005 1047-1490
HNFFZ89	3838	913701	AC007005	28461	1-556
HNFFZ89	3838	913701	AC007005	28462	1-640
HNFFZ91	3839	860897	AC010672	28463	1-1394
HNFFZ91	3839	860897	AC010672	28464	1-174
HNFGB37	3840	577342	Z95118	28465	1-383
HNFGB37	3840	577342	AP001325	28466	1-383
HNFGB37	3840	577342	Z95118	28467	1-403
HNFGB37	3840	577342	AP001325	28468	1-403
HNFGB37	3840	577342	AP001325	28469	1-139
HNFGC17	3841	860899	AC027198	28470	1-542
HNFGC17	3841	860899	AC025624	28471	1-1990
HNFGC17	3841	860899	AC068198	28472	1-1990
HNFGC17	3841	860899	AC025802	28473	1-1990
HNFGC17	3841	860899	AC025624	28474	1-199
HNFGC17	3841	860899	AC068198	28475	1-199
HNFGC17	3841	860899	AC025624	28476	1-717
HNFGC17	3841	860899	AC068198	28477	1-714
HNFGC17	3841	860899	AC025802	28478	1-717
HNFGC17	3841	860899	AC025802	28479	1-199
HNFGC53	3843	860900	AC005318	28480	1-414 693-1371
HNFGC53	3843	860900	AC005318	28481	1-298
HNFGC53	3843	860900	AC005318	28482	1-472
HNFGC64	3845	851981	AC025376	28483	1-455
HNFGC64	3845	851981	AC025376	28484	1-6002
HNFGE16	3846	781720	AC063917	28485	1-315
HNFGE16	3846	781720	AC055713	28486	1-315
HNFGE16	3846	781720	AC063917	28487	1-972
HNFGE36	3847	684992	AC066614	28488	1-2463
HNFGE36	3847	684992	AC016050	28489	1-96 1004-1330 1800-1928 3580-4350 4500-5140 6019-6293 8963-9706 9972-12801

HNFGE36	3847	684992	AC066616	28490	1-96 1004-1330 1800-1928 3574-4344 4494-5134 6013-6287 8957-9700 9966-12796
HNFGE36	3847	684992	AC066614	28491	1-440
HNFGE36	3847	684992	AC016050	28492	1-336
HNFGE36	3847	684992	AC066616	28493	1-336
HNFGH24	3849	524419	AC034101	28494	1-341
HNFGH24	3849	524419	AC018471	28495	1-368
HNFGH24	3849	524419	AC013495	28496	1-368
HNFGH24	3849	524419	AC006059	28497	1-1113
HNFGH24	3849	524419	AC018471	28498	1-427
HNFGH24	3849	524419	AC013495	28499	1-427
HNFGH71	3850	954601	AC008877	28500	1-405
HNFGH71	3850	954601	AC008811	28501	1-406
HNFGH71	3850	954601	AC008919	28502	1-72 1850-1898 1960-2591 3025-3362 3408-3487 3859-4611 4949-5354 5568-6261 7762-8621 9075-9124
HNFGH71	3850	954601	AC008831	28503	1-72 1850-1898 1960-2591 3025-3362 3408-3487 3859-4611 4949-5354 5927-6259 7760-8619 9073-9122 10060-10638 10766-11381 12595-12900 14574-15215 17051-17438 18105-18470 18786-19243 19413-20937 21056-21619
HNFGH71	3850	954601	AC008811	28504	1-753
HNFGH71	3850	954601	AC008919	28505	1-140
HNFGH71	3850	954601	AC008919	28506	1-579
HNFGH71	3850	954601	AC008831	28507	1-140
HNFGI01	3851	921431	AC013720	28508	1-1323 2172-2615
HNFGI01	3851	921431	AL356415	28509	1-1379
HNFGI84	3853	783204	AL132713	28510	1-216 464-1400

					1516-1623 1667-2091 2385-2721 2861-3223
HNFGI84	3853	783204	AL132713	28511	1-675 975-1090 1373-1819
HNFGI84	3853	783204	AL132713	28512	1-1382
HNFGI93	3854	526534	AC006995	28513	1-476
HNFGI93	3854	526534	AC005098	28514	1-476
HNFGI93	3854	526534	AC004166	28515	1-476
HNFGI93	3854	526534	AC004883	28516	1-476
HNFGI93	3854	526534	AC006995	28517	1-105
HNFGI93	3854	526534	AC005098	28518	1-105
HNFGI93	3854	526534	AC004166	28519	1-105
HNFGI93	3854	526534	AC004883	28520	1-105
HNFGK28	3855	574599	AL353761	28521	1-236
HNFGK28	3855	574599	AL353761	28522	1-189
HNFGK29	3856	574593	AC074221	28523	1-224
HNFGK29	3856	574593	AC073673	28524	1-232
HNFGK29	3856	574593	AC020859	28525	1-232
HNFGK29	3856	574593	AC074283	28526	1-213
HNFGK29	3856	574593	AC074283	28527	1-298
HNFGL94	3859	709264	AC005073	28528	1-368 498-870 1120-1337 1661-2051 2362-3134 3365-4085 4846-5160 5203-5819
HNFGL94	3859	709264	AC005071	28529	1-368 498-870 1120-1337 1661-2051 2362-3134 3365-4085 4881-5137 5203-5819
HNFGL94	3859	709264	AC005073	28530	1-942
HNFGL94	3859	709264	AC005073	28531	1-242
HNFGL94	3859	709264	AC005071	28532	1-242
HNFGL94	3859	709264	AC005071	28533	1-942
HNFGM40	3860	524398	AL162458	28534	1-986 2242-2383 3316-3873 4884-5024 5113-5240 6376-6513 6708-6840 6954-7109 8997-9147 9243-9321 9564-9667 10145-10219 10767-10931 11201-11784

					11825-12017 12098-12287 12970-13067 13162-13343 13425-14085
HNFGM40	3860	524398	AL162458	28535	1-195
HNFGM40	3860	524398	AL162458	28536	1-540 630-712 794-858 939-1026 1110-1593 1673-1804
HNFGN36	3863	575567	AL139334	28537	1-798
HNFGN36	3863	575567	AC016744	28538	1-1179
HNFGN36	3863	575567	AL139341	28539	1-1176
HNFGN36	3863	575567	AL162742	28540	1-1179
HNFGN36	3863	575567	AL139334	28541	1-427
HNFGN36	3863	575567	AC016744	28542	1-302
HNFGN36	3863	575567	AL139341	28543	1-427
HNFGN36	3863	575567	AC016744	28544	1-416
HNFGN36	3863	575567	AL139341	28545	1-302
HNFGN36	3863	575567	AL162742	28546	1-302
HNFGN36	3863	575567	AL162742	28547	1-427
HNFGN60	3864	574588	AC027486	28548	1-39 199-660 814-1195 1815-2073
HNFGN60	3864	574588	AC027486	28549	1-300
HNFGP07	3865	953915	AC008035	28550	1-825
HNFGP07	3865	953915	AC073860	28551	1-825
HNFGP07	3865	953915	AC068641	28552	1-995
HNFGP07	3865	953915	AC009522	28553	1-825
HNFGP07	3865	953915	AC008035	28554	1-313
HNFGP07	3865	953915	AC073860	28555	1-331
HNFGP07	3865	953915	AC068641	28556	1-313
HNFGP07	3865	953915	AC073860	28557	1-313
HNFGP07	3865	953915	AC068641	28558	1-331
HNFGP07	3865	953915	AC009522	28559	1-314
HNFGP07	3865	953915	AC009522	28560	1-331
HNFGP31	3866	574643	AC013339	28561	1-176 243-2631 2788-3018 3299-3439 3581-3956 3987-4448 4880-5319 5695-5839 5922-6388
HNFGP31	3866	574643	AL139092	28562	1-1851 2008-2238 2519-2659 2801-3176 3207-3668 4100-4527 4955-5099 5182-5649

HNFGP31	3866	574643	AL139092	28563	1-291
HNFGP64	3867	932413	AC010733	28564	1-736
HNFGP64	3867	932413	AC011245	28565	1-736
HNFGP64	3867	932413	AC010733	28566	1-380
HNFGP64	3867	932413	AC011245	28567	1-380
HNFGP64	3867	932413	AC010733	28568	1-1272
HNFGP64	3867	932413	AC011245	28569	1-1272
HNFGQ23	3868	750597	AC024402	28570	1-384
HNFGQ23	3868	750597	AL035530	28571	1-137 465-2035 2761-2939 3499-3663 3841-4296 5031-5501 5707-5905 5946-6330 6790-6899 6957-7401 7628-7818 7889-10548
HNFGQ23	3868	750597	AC024402	28572	1-49 107-551 778-968 1039-3698
HNFGQ23	3868	750597	AL035530	28573	1-577
HNFGQ58	3869	574583	AC020850	28574	1-377
HNFGU56	3870	574587	AC007442	28575	1-98 262-726 740-1573 1606-2038 2332-2435 2705-2852 3190-3303 3482-3732 4492-4718 5116-5923 6322-6558 6943-7041 7893-10927
HNFGU56	3870	574587	AC007442	28576	1-179
HNFGX55	3872	795918	AL390760	28577	1-58 1402-1808 2411-4376 4755-6959 9309-10053
HNFGX55	3872	795918	AL390760	28578	1-141
HNFGZ03	3873	924695	AC023970	28579	1-761
HNFGZ03	3873	924695	AC023970	28580	1-504 602-868
HNFGZ03	3873	924695	AC023970	28581	1-258
HNFHA11	3874	967520	AC074220	28582	1-410 636-865
HNFHD40	3875	970875	AP000936	28583	1-420
HNFHD40	3875	970875	AP000936	28584	1-108
HNFHD40	3875	970875	AP000936	28585	1-211
HNFHF33	3878	574146	AC019250	28586	1-460
HNFHF33	3878	574146	AC024119	28587	1-461

HNFHF33	3878	574146	AL049715	28588	1-461
HNFHF33	3878	574146	AC024119	28589	1-307
HNFHF33	3878	574146	AC024119	28590	1-334
HNFHF33	3878	574146	AL049715	28591	1-307
HNFHF53	3879	574148	AC002326	28592	1-342
HNFHF53	3879	574148	AL034375	28593	1-342
HNFHF53	3879	574148	AL138883	28594	1-342
HNFHF53	3879	574148	AC002326	28595	1-314
HNFHF53	3879	574148	AL034375	28596	1-621
HNFHF53	3879	574148	AC002326	28597	1-622
HNFHF53	3879	574148	AL034375	28598	1-314
HNFHF53	3879	574148	AL138883	28599	1-621
HNFHF53	3879	574148	AL138883	28600	1-314
HNFHG35	3880	574684	AL121829	28601	1-224
HNFHG35	3880	574684	AL353658	28602	1-224
HNFHG35	3880	574684	AL121829	28603	1-207
HNFHG35	3880	574684	AL353658	28604	1-200
HNFHH12	3881	968808	AC012479	28605	1-262
HNFHH12	3881	968808	AC019150	28606	1-262
HNFHH12	3881	968808	AC012479	28607	1-39 118-594 901-1700 2021-2168 3863-3990 4166-4459 4660-4750 5215-5362 7396-7888 8432-8610 10160-10345
HNFHH12	3881	968808	AC019150	28608	1-305
HNFHH12	3881	968808	AC012479	28609	1-187
HNFHH31	3882	574697	AC009450	28610	1-307
HNFHH31	3882	574697	AL157882	28611	1-307
HNFHH31	3882	574697	AC009450	28612	1-771
HNFHH31	3882	574697	AL157882	28613	1-2235
HNFHH83	3884	523646	AL357125	28614	1-733
HNFHH83	3884	523646	AL357125	28615	1-690
HNFHI17	3886	523569	AC018552	28616	1-96 289-617 1256-1542 2572-4992
HNFHI17	3886	523569	AC018552	28617	1-103 242-356 479-1465 3671-3861
HNFHI17	3886	523569	AC018552	28618	1-148
HNFHK07	3888	953538	AC015851	28619	1-497
HNFHK07	3888	953538	AC015851	28620	1-440
HNFHK07	3888	953538	AC015851	28621	1-314
HNFHK46	3889	860844	AC025898	28622	1-440
HNFHK77	3890	576186	AC019009	28623	1-836
HNFHK77	3890	576186	AC010073	28624	1-217
HNFHK77	3890	576186	AC074220	28625	1-293
HNFHK77	3890	576186	AC020870	28626	1-150 160-664

HNFHK77	3890	576186	AC074220	28627	1-449
HNFHK77	3890	576186	AC020870	28628	1-541
HNFHK85	3891	577324	AC007616	28629	1-731
HNFHK85	3891	577324	AC007616	28630	1-520
HNFHK85	3891	577324	AC007616	28631	1-114
HNFHM47	3893	916624	AP000631	28632	1-436 446-6013 6490-6713
HNFHM47	3893	916624	AP001266	28633	1-2236
HNFHM47	3893	916624	AP001444	28634	1-1625
HNFHM47	3893	916624	AP001444	28635	1-174
HNFHN03	3896	860887	AC026748	28636	1-393
HNFHN03	3896	860887	AC022130	28637	1-393
HNFHQ01	3897	938114	AC008878	28638	1-159 1718-2145 2335-2543 3100-3980 4135-4656 4895-5336 5533-5827 5972-6080 6188-6346 6372-6578 6962-7090 7660-7877 8710-8951 9059-9224 10012-10549 10771-11031 11046-11386 13110-13558 13568-13653 13824-13924 14210-14335 15186-15299 16849-17162 17296-17436 17525-17685 18006-18086 18299-18431 18734-18814 18902-19061 19361-19440 19934-20046
HNFHQ01	3897	938114	AC021153	28639	1-157 1717-2144 2334-2542 3100-3980 4135-4657 4895-5335 5531-5825 5970-6078 6186-6344 6370-6576 6960-7088 7640-7857 8689-8930

					9038-9203 9991-10528 10750-11010 11025-11365
HNFHQ01	3897	938114	AC008878	28640	1-205
HNFHQ01	3897	938114	AC021153	28641	1-449 459-544 712-811 1097-1217 3735-4048 4183-4324 4415-4506
HNFHQ01	3897	938114	AC008878	28642	1-177
HNFHQ01	3897	938114	AC021153	28643	1-205
HNFHQ23	3898	921950	AC024907	28644	1-473
HNFHQ23	3898	921950	AC024907	28645	1-182
HNFHQ32	3899	765827	AC061990	28646	1-436
HNFHQ32	3899	765827	AC019201	28647	1-4962 5024-5122 7712-8040 8414-8849 12449-12799
HNFHQ32	3899	765827	AC021322	28648	1-436
HNFHQ32	3899	765827	AC061990	28649	1-330
HNFHQ32	3899	765827	AC019201	28650	1-476
HNFHQ32	3899	765827	AC021322	28651	1-329
HNFHQ67	3900	576147	AC012406	28652	1-547
HNFHQ67	3900	576147	AC012406	28653	1-315
HNFHQ67	3900	576147	AC012406	28654	1-83 233-367 3024-3115 3210-3285 3408-3485 4051-4167 4298-4356 4600-4708
HNFHR70	3901	586494	AP001187	28655	1-813
HNFHR70	3901	586494	AP001558	28656	1-821 933-1066 1162-1236 1413-1497 2040-2160 2292-2447 3467-3619 3700-3829 3849-4362
HNFHR70	3901	586494	AP000928	28657	1-1063 1156-1268 1388-1843 2027-3608 3686-4365
HNFHR70	3901	586494	AP000814	28658	1-1064 1157-1269 1389-1863 2033-3614 3692-4372
HNFHR70	3901	586494	AC000159	28659	1-245

					2708-2870 2975-3088 4069-4173 4334-4434 4455-4580 4783-4881 4959-5123 5226-5273 7863-7937 8078-8215 9315-9461 9545-9683 9793-9869 11573-11645 13537-13623 13846-13924 14046-17031 17795-18179 18311-19373 19466-19578 19698-20172 20342-21923 22001-22680
HNFHR70	3901	586494	AP000814	28660	1-385
HNFHR70	3901	586494	AP001187	28661	1-98
HNFHR70	3901	586494	AP000928	28662	1-373
HNFHR70	3901	586494	AP000814	28663	1-373
HNFHR70	3901	586494	AC000159	28664	1-373
HNFHS85	3903	576118	AC023161	28665	1-382
HNFHS85	3903	576118	AL133481	28666	1-382
HNFHU20	3904	512927	AC015662	28667	1-818
HNFHU20	3904	512927	AC019087	28668	1-818
HNFHU20	3904	512927	AL357115	28669	1-818
HNFHU20	3904	512927	AC015662	28670	1-162
HNFHU20	3904	512927	AC019087	28671	1-868
HNFHU20	3904	512927	AC015662	28672	1-868
HNFHU20	3904	512927	AL357115	28673	1-868
HNFHU20	3904	512927	AL357115	28674	1-162
HNFHU85	3906	506309	AC004490	28675	1-637 1863-2149 3943-4006 4537-4894 5223-5458 5900-6603 7903-7994 8559-8664 8724-8794 12616-12760 14095-14148 16909-16992 17152-17406 19270-19451 20269-20553 20741-21007 21784-21888
HNFHU85	3906	506309	AC004490	28676	1-152
HNFHU85	3906	506309	AC004490	28677	1-135

HNFHW40	3909	577110	AC004152	28678	1-501 633-1156 1191-1485 1565-1772 1774-4117 5165-5407 5412-5444
HNFHW40	3909	577110	AC004152	28679	1-387 849-922
HNFHW40	3909	577110	AC004152	28680	1-498
HNFHW70	3910	757261	Z83844	28681	1-1019
HNFHW70	3910	757261	Z83844	28682	1-274
HNFHW70	3910	757261	Z83844	28683	1-378
HNFHW81	3911	577329	AC007616	28684	1-520
HNFHW81	3911	577329	AC007616	28685	1-376
HNFHW81	3911	577329	AC007616	28686	1-731
HNFHX24	3912	934305	AC069489	28687	1-728 799-1460
HNFHX24	3912	934305	AP002016	28688	1-728 799-1462
HNFHX24	3912	934305	AC069489	28689	1-705
HNFHX24	3912	934305	AP002016	28690	1-705
HNFHX44	3913	716852	AC012314	28691	1-293
HNFHX44	3913	716852	AC010492	28692	1-293
HNFHX44	3913	716852	AC012314	28693	1-227 517-595 672-761 943-992 1489-2511 2724-3375 4191-5080 7327-7636
HNFHX44	3913	716852	AC010492	28694	1-227 518-591 672-761
HNFIA33	3915	861010	AF209070	28695	1-186
HNFIA33	3915	861010	AF209070	28696	1-136
HNFB47	3916	523438	AC007032	28697	1-163 511-831 1581-1856 1918-2584 2587-2776 3944-4761 4855-7799 7849-8034 8580-8847 9303-10448 11604-12183 12772-13476 13563-13793 14201-14557 14872-17303 17312-17604 17739-18258 18373-19256 20321-20694 20846-22055

					22122-22853 22866-23293 23557-24012 24021-24459 25225-28897
HNFIB47	3916	523438	AC007032	28698	1-445
HNFIB47	3916	523438	AC007032	28699	1-449
HNFIB67	3917	577326	AC026558	28700	1-143
HNFIB67	3917	577326	AC026558	28701	1-430
HNFIB67	3917	577326	AC026558	28702	1-157
HNFIC22	3918	577442	AL031283	28703	1-691
HNFIC22	3918	577442	AL031283	28704	1-309 2436-2493
HNFIC22	3918	577442	AL031283	28705	1-434
HNFIC43	3919	707264	AC005280	28706	1-1254 1798-1995 5184-5276
HNFIC43	3919	707264	AC005280	28707	1-390
HNFIC43	3919	707264	AC005280	28708	1-396
HNFIG07	3921	918389	AC003695	28709	1-609
HNFIG07	3921	918389	AC002091	28710	1-609
HNFIH79	3922	576143	AC010410	28711	1-391
HNFIH79	3922	576143	AC035142	28712	1-392
HNFIH79	3922	576143	AC010410	28713	1-239
HNFIH79	3922	576143	AC035142	28714	1-239
HNFIJ46	3923	919275	AL358333	28715	1-1066
HNFIJ46	3923	919275	AL358333	28716	1-215
HNFIJ46	3923	919275	AL358333	28717	1-678
HNFIK03	3924	921951	AL049553	28718	1-360 1320-1605 2146-2594
HNFIK37	3925	576151	AC068227	28719	1-315
HNFIK37	3925	576151	AC078866	28720	1-315
HNFIK37	3925	576151	AC068227	28721	1-336
HNFIM13	3927	657201	AC055839	28722	1-436
HNFIM13	3927	657201	AC001237	28723	1-437
HNFIN33	3929	702415	AC010277	28724	1-448
HNFIN33	3929	702415	AC004001	28725	1-448
HNFIN33	3929	702415	AC004001	28726	1-157
HNFIN67	3931	574569	AP001362	28727	1-566
HNFIN67	3931	574569	AC022488	28728	1-102 1740-2313 2334-2673 3403-4504 4670-4849 5046-5195 5301-5477 5601-5841 6181-6671 7025-7084
HNFIN67	3931	574569	AP000803	28729	1-579
HNFIN67	3931	574569	AP001459	28730	1-575
HNFIN67	3931	574569	AC022488	28731	1-549
HNFIN67	3931	574569	AP001362	28732	1-271
HNFIN67	3931	574569	AC022488	28733	1-463
HNFIN67	3931	574569	AP000803	28734	1-340

HNFIN67	3931	574569	AP001459	28735	1-340
HNFIN83	3932	779925	AL353803	28736	1-474
HNFIN83	3932	779925	AC073075	28737	1-474
HNFIN83	3932	779925	AL391056	28738	1-474
HNFIO27	3933	573095	AC023320	28739	1-886
HNFIO27	3933	573095	AC023320	28740	1-706
HNFIO27	3933	573095	AC023320	28741	1-164
HNFIO50	3934	724374	AC055829	28742	1-532
HNFIO50	3934	724374	AC023176	28743	1-532
HNFIO82	3935	921037	AP001187	28744	1-75 216-353 1453-1599 1683-1821 1931-2007
HNFIO82	3935	921037	AP000814	28745	1-75 216-353 1453-1599 1683-1821 1931-2007
HNFIO82	3935	921037	AC000159	28746	1-245 2708-2870 2975-3088 4069-4173 4334-4434 4455-4580 4783-4881 4959-5123 5226-5273 7863-7937 8078-8215 9315-9461 9545-9683 9793-9869 11573-11645 13537-13623 13846-13924 14046-17031 17795-18179 18311-19373 19466-19578 19698-20172 20342-21923 22001-22680
HNFIP50	3935	921037	AC000159	28747	1-373
HNFIP50	3936	965283	AC009524	28748	1-151
HNFIP50	3936	965283	AC025036	28749	1-148
HNFIP50	3936	965283	AC011953	28750	1-126
HNFIP50	3936	965283	AC016327	28751	1-125
HNFIP50	3936	965283	AC027300	28752	1-158
HNFIP50	3936	965283	AC022231	28753	1-151
HNFIP50	3936	965283	AP001451	28754	1-96
HNFIP50	3936	965283	AC016327	28755	1-165
HNFIP50	3936	965283	AC048342	28756	1-130
HNFIP50	3936	965283	AC016327	28757	1-195
HNFIP50	3936	965283	AC048342	28758	1-118
HNFIP71	3937	760366	AC016026	28759	1-691 858-2124

HNFIP71	3937	760366	AC007845	28760	1-691 858-2124
HNFIP71	3937	760366	AC016025	28761	1-691 858-2124
HNFIP71	3937	760366	AC016026	28762	1-152
HNFIP71	3937	760366	AC016026	28763	1-703
HNFIP71	3937	760366	AC007845	28764	1-152
HNFIP71	3937	760366	AC007845	28765	1-703
HNFIP71	3937	760366	AC016025	28766	1-152
HNFIP71	3937	760366	AC016025	28767	1-703
HNFIQ74	3939	765566	AC007442	28768	1-98 262-726 740-1573 1606-2038 2332-2435 2705-2852 3190-3303 3482-3732 4492-4718 5116-5923 6322-6558 6943-7041 7893-10927
HNFIQ74	3939	765566	AC007442	28769	1-179
HNFIR32	3941	848254	AC025624	28770	1-1990
HNFIR32	3941	848254	AC068198	28771	1-1990
HNFIR32	3941	848254	AC025802	28772	1-1990
HNFIR32	3941	848254	AC025624	28773	1-199
HNFIR32	3941	848254	AC068198	28774	1-199
HNFIR32	3941	848254	AC025624	28775	1-717
HNFIR32	3941	848254	AC068198	28776	1-714
HNFIR32	3941	848254	AC025802	28777	1-717
HNFIR32	3941	848254	AC025802	28778	1-199
HNFIR86	3942	781175	AL031005	28779	1-100 916-995 1079-2861 3184-3475 3743-4171 4288-4542 4629-5004 5359-5460 5772-5885 6874-6939 7311-7918 8802-8915 9620-9687 10520-10790 11403-11596 12526-12933 13982-14229 14564-15133 16708-19596
HNFIS51	3943	725648	AL031005	28780	1-100 916-995 1079-2861 3184-3475 3743-4171

					4288-4542 4629-5004 5359-5460 5772-5885 6874-6939 7311-7918 8802-8915 9620-9687 10520-10790 11403-11596 12526-12933 13982-14229 14564-15133 16708-19596
HNFIT31	3944	697961	AC021334	28781	1-387
HNFIU07	3945	953268	AC044906	28782	1-411
HNFIU07	3945	953268	AC044906	28783	1-417
HNFIU14	3946	967558	AL355998	28784	1-690
HNFIU14	3946	967558	AC023251	28785	1-690
HNFIU14	3946	967558	AL031276	28786	1-690
HNFIU14	3946	967558	AL355998	28787	1-235
HNFIU14	3946	967558	AL355998	28788	1-542
HNFIU14	3946	967558	AC023251	28789	1-552
HNFIU14	3946	967558	AL031276	28790	1-235
HNFIU14	3946	967558	AL031276	28791	1-550
HNFIU24	3947	677178	AC003695	28792	1-381
HNFIU24	3947	677178	AC002091	28793	1-381
HNFIV38	3949	709265	AL359960	28794	1-771
HNFIV38	3949	709265	AL359960	28795	1-186
HNFIV38	3949	709265	AL359960	28796	1-378 432-705 771-1095 2025-2386 2754-3219
HNFIZ47	3952	720315	AC068936	28797	1-791
HNFIZ47	3952	720315	AC006405	28798	1-791
HNFIZ47	3952	720315	AC068936	28799	1-170
HNFIZ47	3952	720315	AC068936	28800	1-1746
HNFIZ47	3952	720315	AC006405	28801	1-1741
HNFIZ47	3952	720315	AC006405	28802	1-170
HNFJA29	3953	941525	AC008763	28803	1-79 146-630 893-1147 1256-1307 1396-1511 1831-1889 1999-2740
HNFJA29	3953	941525	AC008763	28804	1-32 34-203 844-2015
HNFJA60	3954	740362	AL137129	28805	1-709 807-1021 1059-1438 1810-2961 3315-3865
HNFJA60	3954	740362	AL137129	28806	1-538

HNFJA78	3955	723390	AL158080	28807	1-332
HNFJA78	3955	723390	AL355148	28808	1-332
HNFJA78	3955	723390	AL117340	28809	1-332
HNFJA78	3955	723390	AL158080	28810	1-370
HNFJA78	3955	723390	AL355148	28811	1-370
HNFJA78	3955	723390	AL117340	28812	1-370
HNFJB80	3956	752489	AC009299	28813	1-1992 2294-2786
HNFJB80	3956	752489	AC009299	28814	1-220
HNFJB80	3956	752489	AC009299	28815	1-649
HNFJE30	3957	574145	AC009032	28816	1-432
HNFJE30	3957	574145	AC012321	28817	1-432
HNFJE30	3957	574145	AC009032	28818	1-120
HNFJE30	3957	574145	AC009032	28819	1-327
HNFJE30	3957	574145	AC012321	28820	1-120
HNFJE30	3957	574145	AC012321	28821	1-327
HNFJG33	3958	702411	AC007275	28822	1-48 2521-2897
HNFJH59	3960	738593	AC008848	28823	1-565
HNFJH59	3960	738593	AC008848	28824	1-171
HNFJH59	3960	738593	AC008848	28825	1-282
HNGAC50	3962	724666	AC009685	28826	1-552
HNGAC50	3962	724666	AC009691	28827	1-564
HNGAF45	3964	526940	AL138798	28828	1-478
HNGAF45	3964	526940	AC004824	28829	1-55 218-901 4312-4714 4994-5758 5803-5958 6904-7399 7629-7730 9555-9854 10109-10180 10549-10678 14441-15270
HNGAF45	3964	526940	AL138798	28830	1-289
HNGAF45	3964	526940	AC004824	28831	1-289
HNGAF45	3964	526940	AC004824	28832	1-111 1044-1157 1913-2178
HNGAH27	3966	573087	AC017112	28833	1-342
HNGAH27	3966	573087	AC017112	28834	1-690
HNGAI23	3967	676296	AC022264	28835	1-471
HNGAI23	3967	676296	AC018696	28836	1-470
HNGAI23	3967	676296	AC026106	28837	1-470
HNGAI23	3967	676296	U91320	28838	1-463
HNGAI23	3967	676296	AL031601	28839	1-773 1138-1276 1809-2237 2533-3102 3947-4549 4730-5282 6338-6920 7129-10175 10791-11530 11625-12952

					13096-13487 14729-16390 16521-17246 17274-17765 18381-18794 19295-19966 19985-20764 21727-26551 26669-27068 27730-27880 29116-29586 29687-30318 30334-30753 33004-33471 36221-36539 37332-37742 39031-39380
HNGAI23	3967	676296	AC006359	28840	1-471
HNGAI23	3967	676296	AC006352	28841	1-473
HNGAI23	3967	676296	AC024972	28842	1-464
HNGAI23	3967	676296	AC007028	28843	1-471
HNGAI23	3967	676296	AC002041	28844	1-471
HNGAI23	3967	676296	AC007882	28845	1-471
HNGAI23	3967	676296	AC022264	28846	1-353
HNGAI23	3967	676296	AC022264	28847	1-636
HNGAI23	3967	676296	AC018696	28848	1-343
HNGAI23	3967	676296	AC026106	28849	1-420
HNGAI23	3967	676296	AC018696	28850	1-420
HNGAI23	3967	676296	U91320	28851	1-353
HNGAI23	3967	676296	AC026106	28852	1-343
HNGAI23	3967	676296	AL031601	28853	1-771
HNGAI23	3967	676296	U91320	28854	1-227
HNGAI23	3967	676296	AL031601	28855	1-500
HNGAI23	3967	676296	AC006359	28856	1-1083
HNGAI23	3967	676296	AC006352	28857	1-785
HNGAI23	3967	676296	AC024972	28858	1-408
HNGAI23	3967	676296	AC024972	28859	1-482
HNGAI23	3967	676296	AC007028	28860	1-353
HNGAI23	3967	676296	AC007028	28861	1-636
HNGAI23	3967	676296	AC002041	28862	1-1076
HNGAI23	3967	676296	AC007882	28863	1-1077
HNGAJ10	3969	860751	AL121840	28864	1-378
HNGAK12	3971	660682	AC005035	28865	1-461 901-1370 3120-3210 3798-3995 4091-4598 4951-5116 5461-6076 6372-6510 7952-8044 8598-8734 9056-9175 10553-10707 11338-12166 13462-15335

					15383-15814 17772-17892 18209-18381 20452-20838 21115-21278 21599-22149 22202-23346 26511-26928 27540-27948 29312-29415 29610-30069 30613-31175 31214-31389 31904-32065 32911-33076 35162-38818 39310-39567
HNGAK12	3971	660682	AC005035	28866	1-654
HNGAK12	3971	660682	AC005035	28867	1-511
HNGAK70	3972	860770	AC010268	28868	1-288 1672-1788 2054-2928 3239-3367 4882-5024
HNGAK70	3972	860770	AC002303	28869	1-288 1672-1788 2054-2928 3239-3369 4882-5024
HNGAK70	3972	860770	AC010268	28870	1-178 2323-2510 3315-3417 5876-6032 7546-7685 8089-8221 10589-10781
HNGAK70	3972	860770	AC002303	28871	1-178 2323-2510 3315-3417 5875-6031 7544-7683 8087-8219 10587-10779
HNGAL51	3973	531719	AC041005	28872	1-333
HNGAL51	3973	531719	AC041005	28873	1-102
HNGAL84	3974	573099	AC010241	28874	1-190
HNGAL88	3975	574666	AC008695	28875	1-305
HNGAL88	3975	574666	AC005576	28876	1-305
HNGAL88	3975	574666	AC008752	28877	1-255
HNGAL88	3975	574666	AC005576	28878	1-336
HNGAL88	3975	574666	AC008752	28879	1-1345
HNGAL92	3976	953889	AC073936	28880	1-212
HNGAN78	3978	577412	AC016975	28881	1-37 322-604 1557-1956 2530-4052
HNGAN78	3978	577412	AC016975	28882	1-195

HNGAN78	3978	577412	AC016975	28883	1-338
HNGAO40	3979	660305	AC025926	28884	1-154
HNGAO40	3979	660305	AC026469	28885	1-154
HNGAQ54	3982	574647	AC025111	28886	1-299
HNGAQ54	3982	574647	AC031983	28887	1-299
HNGAS51	3984	773208	AL023913	28888	1-244
HNGAS51	3984	773208	AL023913	28889	1-418
HNGAU59	3985	860839	AC000365	28890	1-227
HNGAV25	3988	574671	AC011767	28891	1-98 449-1308 1396-2097 2102-2245 2260-2562 2891-3207 3391-3632 4872-5041 7612-7737
HNGAV25	3988	574671	AC055876	28892	1-133 177-439 785-1102 1291-1532
HNGAV25	3988	574671	AC011767	28893	1-476
HNGAV25	3988	574671	AC055876	28894	1-703
HNGAV25	3988	574671	AC055876	28895	1-167
HNGAV53	3989	573092	AC018875	28896	1-412
HNGAV53	3989	573092	AC037478	28897	1-412
HNGAV79	3990	574661	AC024462	28898	1-374
HNGAV84	3991	574651	AC027811	28899	1-106
HNGAV84	3991	574651	AC011797	28900	1-106
HNGAV84	3991	574651	AC011797	28901	1-159
HNGAW25	3993	574645	AC044869	28902	1-350
HNGAW25	3993	574645	AC044869	28903	1-97
HNGAW40	3994	711454	AC068475	28904	1-301 373-769 856-1115
HNGAW40	3994	711454	AC005175	28905	1-185 434-522 874-1017 1401-1709 1928-2212 2235-2798 4006-4320 4391-4787 4874-5133 5732-6368 8611-9333
HNGAW40	3994	711454	AC068475	28906	1-564
HNGAW40	3994	711454	AC005175	28907	1-103
HNGAX82	3995	507313	AC006953	28908	1-288 530-610 2284-2563 2638-2775 3935-4297 4890-5037 5409-5844 5849-6145

					7116-7614 7851-7993 8114-8659 8695-8952 9047-10018 10192-10695 10793-11183 11610-11951 12068-12366 12392-12987 13443-13883 14776-15042 16211-16478 16579-16694 17418-17769 17798-18128 18188-18937 19468-19571 19846-20322 20606-21777
HNGAX82	3995	507313	AC006953	28909	1-217
HNGAX82	3995	507313	AC006953	28910	1-453
HNGAZ49	3996	715380	AC023251	28911	1-720
HNGAZ49	3996	715380	AL355998	28912	1-991
HNGAZ49	3996	715380	AL357835	28913	1-991
HNGAZ49	3996	715380	AC023251	28914	1-214
HNGAZ49	3996	715380	AL355998	28915	1-215
HNGAZ49	3996	715380	AC023251	28916	1-410
HNGAZ49	3996	715380	AL355998	28917	1-410
HNGAZ49	3996	715380	AL357835	28918	1-410
HNGAZ49	3996	715380	AL357835	28919	1-215
HNGBC50	3998	868082	AC002316	28920	1-1668
HNGBE26	3999	684761	AC015724	28921	1-367
HNGBE26	3999	684761	AC005553	28922	1-367
HNGBE26	3999	684761	AC015724	28923	1-127
HNGBE26	3999	684761	AC005553	28924	1-127
HNGBF41	4000	571331	AC060832	28925	1-807
HNGBF41	4000	571331	AC060832	28926	1-272
HNGBF41	4000	571331	AC060832	28927	1-104
HNGBF80	4001	574475	AC009866	28928	1-357
HNGBF80	4001	574475	AC009866	28929	1-2356
HNGBG20	4002	860739	AC010787	28930	1-360
HNGBG20	4002	860739	AC010787	28931	1-200
HNGBG50	4003	577364	AC027275	28932	1-279
HNGBG50	4003	577364	AC002492	28933	1-279
HNGBG50	4003	577364	AC002492	28934	1-327
HNGBH04	4004	574469	AL358789	28935	1-161
HNGBH04	4004	574469	AC013291	28936	1-161
HNGBH04	4004	574469	AC021172	28937	1-161
HNGBH04	4004	574469	AC013291	28938	1-107
HNGBH04	4004	574469	AL358789	28939	1-107
HNGBH04	4004	574469	AC021172	28940	1-107
HNGBH77	4005	577361	AC004538	28941	1-316
HNGBH77	4005	577361	AC004538	28942	1-504
HNGBI10	4006	968246	AC018732	28943	1-596
HNGBI35	4007	574403	AC027536	28944	1-326

HNGBI35	4007	574403	AC060811	28945	1-326
HNGBI70	4008	781978	AC002310	28946	1-668
HNGBI70	4008	781978	AC002310	28947	1-622
HNGBI70	4008	781978	AC002310	28948	1-2054 2329-2453
HNGBI88	4009	574409	AC016560	28949	1-400
HNGBI88	4009	574409	AC005215	28950	1-400
HNGBI88	4009	574409	AC010489	28951	1-400
HNGBI88	4009	574409	AC016560	28952	1-96
HNGBI95	4010	785983	AC007952	28953	1-1364
HNGBI95	4010	785983	AC007952	28954	1-506
HNGBJ40	4011	948741	AC067844	28955	1-563
HNGBJ84	4012	573072	AC009532	28956	1-33 768-1080 4936-5351 5747-6346
HNGBJ84	4012	573072	AC009532	28957	1-74 1592-1691 2354-2501
HNGBJ96	4013	574474	AC007380	28958	1-429
HNGBJ96	4013	574474	AC007380	28959	1-122
HNGBN36	4014	526808	AC016852	28960	1-426
HNGBN36	4014	526808	AC026791	28961	1-429
HNGBO34	4015	932408	AC009950	28962	1-469
HNGBO34	4015	932408	AC009949	28963	1-469
HNGBP21	4016	671258	AC006375	28964	1-512
HNGBP21	4016	671258	AC006375	28965	1-219
HNGBP21	4016	671258	AC006375	28966	1-425
HNGBP28	4017	421816	AC013733	28967	1-311
HNGBP35	4018	526806	AC073177	28968	1-583
HNGBP35	4018	526806	AC023148	28969	1-583
HNGBP35	4018	526806	AC016905	28970	1-583
HNGBP35	4018	526806	AC073177	28971	1-116
HNGBP35	4018	526806	AC023148	28972	1-116
HNGBP35	4018	526806	AC023148	28973	1-371
HNGBP35	4018	526806	AC016905	28974	1-372
HNGBP35	4018	526806	AC016905	28975	1-116
HNGBQ20	4019	859846	AC011043	28976	1-534
HNGBQ20	4019	859846	AC078939	28977	1-534
HNGBQ20	4019	859846	AC011841	28978	1-535
HNGBQ20	4019	859846	AC078939	28979	1-545
HNGBQ20	4019	859846	AC011841	28980	1-905
HNGBQ75	4020	573047	AL136984	28981	1-451
HNGBQ75	4020	573047	AL136984	28982	1-301
HNGBS88	4021	575561	AP000777	28983	1-367
HNGBS88	4021	575561	AC027599	28984	1-367
HNGBT44	4022	574400	AC018940	28985	1-486
HNGBT44	4022	574400	AC067987	28986	1-444
HNGBT44	4022	574400	AC006287	28987	1-486
HNGBT58	4023	577325	AL357493	28988	1-110 1331-1593 3677-4404 5678-5935 6584-6708 7356-7703 8327-9068

					9101-10356 12626-13173
HNGBT58	4023	577325	AL358813	28989	1-728 2002-2259 2908-3032 3680-4027 4651-5392 5425-6680 8946-9493
HNGBT58	4023	577325	AC037465	28990	1-110 1331-1593 3698-4425 5699-5952 6603-6727 7387-7738 8343-9084 9117-10372 12651-13198
HNGBT58	4023	577325	AL357493	28991	1-142
HNGBT58	4023	577325	AC037465	28992	1-467
HNGBT58	4023	577325	AL358813	28993	1-142
HNGBT58	4023	577325	AC037465	28994	1-141
HNGBT72	4024	579064	AP002397	28995	1-385
HNGBT72	4024	579064	AC022399	28996	1-389
HNGBT72	4024	579064	AP000893	28997	1-387
HNGBV67	4026	574468	AC074133	28998	1-479
HNGBV67	4026	574468	AC026729	28999	1-483
HNGBV67	4026	574468	AC026729	29000	1-125
HNGBZ16	4029	667293	AC024298	29001	1-414
HNGBZ16	4029	667293	AC024298	29002	1-921
HNGBZ17	4030	575717	AC037487	29003	1-795
HNGBZ17	4030	575717	AC069134	29004	1-795
HNGBZ17	4030	575717	AC069134	29005	1-367
HNGBZ17	4030	575717	AC037487	29006	1-367
HNGBZ20	4031	812895	AC022241	29007	1-328
HNGBZ20	4031	812895	AC008842	29008	1-409 426-613
HNGBZ20	4031	812895	AC010165	29009	1-328
HNGBZ20	4031	812895	AC022241	29010	1-52 70-256
HNGBZ55	4032	573069	AC022579	29011	1-498
HNGBZ55	4032	573069	AC016597	29012	1-498
HNGBZ92	4033	574464	AC067896	29013	1-355
HNGBZ92	4033	574464	AC067896	29014	1-172
HNGBZ92	4033	574464	AC067896	29015	1-571
HNGCA47	4034	574465	AL355835	29016	1-670
HNGCA47	4034	574465	AL161751	29017	1-491
HNGCA61	4035	574461	AC027309	29018	1-382
HNGCA61	4035	574461	AC011407	29019	1-379
HNGCA61	4035	574461	AC034210	29020	1-380
HNGCB44	4036	674670	AC020621	29021	1-1042 1642-1745 3470-4054
HNGCB44	4036	674670	AC020621	29022	1-120
HNGCB44	4036	674670	AC020621	29023	1-289
HNGCC47	4037	926947	AC022554	29024	1-263

HNGCC47	4037	926947	AC026467	29025	1-263
HNGCC47	4037	926947	AC026467	29026	1-383
HNGCD08	4038	959963	AL390878	29027	1-643
HNGCD08	4038	959963	AC021556	29028	1-643
HNGCD08	4038	959963	AL163543	29029	1-643
HNGCD08	4038	959963	AL390878	29030	1-147
HNGCD08	4038	959963	AC021556	29031	1-147
HNGCE85	4039	970738	AC073612	29032	1-307
HNGCE85	4039	970738	AC011601	29033	1-307
HNGCE85	4039	970738	AC073612	29034	1-370
HNGCE85	4039	970738	AC011601	29035	1-380
HNGCF28	4041	574397	AC068291	29036	1-281
HNGCG83	4042	868075	AL356743	29037	1-381
HNGCG83	4042	868075	AL356743	29038	1-374
HNGCH05	4043	932404	AL365206	29039	1-570 733-1174
HNGCH05	4043	932404	AC040894	29040	1-570 733-1174
HNGCH05	4043	932404	Z84480	29041	1-570 733-1174
HNGCH05	4043	932404	AL365206	29042	1-163
HNGCH05	4043	932404	AC040894	29043	1-163
HNGCH05	4043	932404	AL365206	29044	1-272
HNGCH05	4043	932404	AC040894	29045	1-272
HNGCH05	4043	932404	Z84480	29046	1-272
HNGCH05	4043	932404	Z84480	29047	1-138
HNGCI02	4044	920722	AC022239	29048	1-346 1672-2024 2666-3061
HNGCI11	4045	967513	AC023566	29049	1-432
HNGCI11	4045	967513	AC023566	29050	1-296
HNGCI17	4046	526807	AC073067	29051	1-468
HNGCK93	4051	574458	AC041034	29052	1-292
HNGCL31	4052	571332	AL161782	29053	1-749
HNGCL31	4052	571332	AL158195	29054	1-750
HNGCL31	4052	571332	AL161424	29055	1-749
HNGCL55	4053	574453	AC021141	29056	1-429
HNGCL55	4053	574453	AC008839	29057	1-429
HNGCL55	4053	574453	AC008939	29058	1-429
HNGCL55	4053	574453	AC021141	29059	1-2652
HNGCL55	4053	574453	AC008839	29060	1-2652
HNGCL55	4053	574453	AC021141	29061	1-437
HNGCL55	4053	574453	AC008939	29062	1-437
HNGCL55	4053	574453	AC008939	29063	1-2651
HNGCM05	4054	932409	AC020936	29064	1-381
HNGCM05	4054	932409	AC020936	29065	1-787 896-1037
HNGCM05	4054	932409	AC020936	29066	1-577
HNGCO37	4055	708694	AC021913	29067	1-401
HNGCO45	4056	573055	AC010989	29068	1-393
HNGCO86	4057	779203	AL160162	29069	1-304
HNGCO86	4057	779203	AL133356	29070	1-304
HNGCQ37	4058	708698	AC044873	29071	1-435
HNGCU24	4059	574339	AL390195	29072	1-339
HNGCU24	4059	574339	AL357633	29073	1-339

HNGCU24	4059	574339	AL356790	29074	1-339
HNGCU70	4060	574340	AL359096	29075	1-156
HNGCU70	4060	574340	AC053522	29076	1-156
HNGCU70	4060	574340	AC015973	29077	1-156
HNGCW81	4062	577253	AP002785	29078	1-1106
HNGCW81	4062	577253	AP001386	29079	1-1106
HNGCW81	4062	577253	AP002785	29080	1-474
HNGCW81	4062	577253	AP001386	29081	1-474
HNGCW82	4063	574344	AC026357	29082	1-355
HNGCW82	4063	574344	AC026357	29083	1-196
HNGCW83	4064	574338	AC009714	29084	1-327
HNGCW83	4064	574338	AC026830	29085	1-327
HNGCW83	4064	574338	AC009673	29086	1-327
HNGCW83	4064	574338	AC009714	29087	1-311
HNGCW83	4064	574338	AC026830	29088	1-243
HNGCW83	4064	574338	AC009714	29089	1-243
HNGCW83	4064	574338	AC026830	29090	1-311 2034-2388
HNGCW83	4064	574338	AC009673	29091	1-311 2033-2386
HNGCW83	4064	574338	AC009673	29092	1-243
HNGCX07	4065	953900	AC022784	29093	1-377
HNGCX07	4065	953900	AC016485	29094	1-377
HNGCX07	4065	953900	AC022784	29095	1-118 1529-3095 3165-3348 4201-4618
HNGCX07	4065	953900	AC022784	29096	1-559
HNGCX07	4065	953900	AC016485	29097	1-559
HNGCX07	4065	953900	AC016485	29098	1-118 1528-3144 3214-3397 4250-4667
HNGCY37	4066	952203	AC073082	29099	1-538
HNGCY43	4068	574392	AC016378	29100	1-323
HNGCY59	4069	959967	AC009528	29101	1-790
HNGCY59	4069	959967	AC005674	29102	1-790
HNGCY59	4069	959967	AC009528	29103	1-172
HNGCY59	4069	959967	AC005674	29104	1-124 1546-1696 2013-2184 2225-2427
HNGCZ13	4070	660916	AC010472	29105	1-402
HNGCZ13	4070	660916	AC010337	29106	1-402
HNGCZ13	4070	660916	AC008549	29107	1-402
HNGDA09	4071	574454	AC023190	29108	1-411
HNGDA09	4071	574454	AC037433	29109	1-411
HNGDA56	4072	574452	AC069261	29110	1-347
HNGDA56	4072	574452	AC073592	29111	1-347
HNGDA56	4072	574452	AC025685	29112	1-347
HNGDA56	4072	574452	AC069261	29113	1-131
HNGDA56	4072	574452	AC025685	29114	1-131
HNGDB65	4074	526852	AL358783	29115	1-155
HNGDB65	4074	526852	AL358783	29116	1-79 96-286
HNGDB65	4074	526852	AL365443	29117	1-266

HNGDB65	4074	526852	AC024690	29118	1-266
HNGDB65	4074	526852	AL023585	29119	1-266
HNGDB65	4074	526852	AL022101	29120	1-79 96-286
HNGDB65	4074	526852	AL358783	29121	1-401
HNGDB65	4074	526852	AC024690	29122	1-400
HNGDB65	4074	526852	AL022101	29123	1-401
HNGDD73	4077	764596	AC005390	29124	1-520
HNGDE07	4078	953858	AL158217	29125	1-243
HNGDE07	4078	953858	AL158217	29126	1-203
HNGDE31	4079	794124	AC010507	29127	1-204 234-934 942-1760 2016-2444 4354-5533
HNGDE31	4079	794124	AC073135	29128	1-204 234-933 941-1760 2016-2444 4357-5536
HNGDE31	4079	794124	AC010514	29129	1-204 234-934 942-1760 2016-2444 4115-5533
HNGDE31	4079	794124	AL133216	29130	1-205 234-934 942-1770 2019-2447 4356-5537
HNGDE31	4079	794124	AC004908	29131	1-1419
HNGDE31	4079	794124	AC012005	29132	1-204 234-934 942-1765 2020-2448 4141-5002 5052-5572
HNGDE31	4079	794124	AC006328	29133	1-204 234-934 942-1765 2021-2449 4142-5003 5053-5573
HNGDE31	4079	794124	AC010507	29134	1-1554
HNGDE31	4079	794124	AC010507	29135	1-353
HNGDE31	4079	794124	AC073135	29136	1-1357
HNGDE31	4079	794124	AC073135	29137	1-1468 1504-1572 1764-2798 2909-3651 3833-5770 5829-6025 6308-7097 7135-9391 9595-9801 10137-10335 10587-13395

HNGDE31	4079	794124	AC010514	29138	1-353
HNGDE31	4079	794124	AC010514	29139	1-1555
HNGDE31	4079	794124	AL133216	29140	1-204
HNGDE31	4079	794124	AL133216	29141	1-1552
HNGDE31	4079	794124	AC004908	29142	1-1356
HNGDE31	4079	794124	AC004908	29143	1-373
HNGDE31	4079	794124	AC012005	29144	1-763
HNGDE31	4079	794124	AC012005	29145	1-2271
HNGDE31	4079	794124	AC006328	29146	1-2270
HNGDE31	4079	794124	AC006328	29147	1-764
HNGDF48	4080	723368	AC027319	29148	1-162
HNGDF48	4080	723368	AC027319	29149	1-121
HNGDF72	4081	766217	AC004914	29150	1-478
HNGDH09	4083	573022	AL137007	29151	1-367
HNGDH37	4084	917254	AC073162	29152	1-268
HNGDH52	4085	914629	AC027638	29153	1-1035 1061-1106
HNGDH52	4085	914629	AC027638	29154	1-363
HNGDH96	4086	573060	AC015539	29155	1-309 3697-8614
HNGDK17	4087	860684	AC011676	29156	1-360
HNGDK17	4087	860684	AC011676	29157	1-315
HNGDK41	4088	574559	AC025071	29158	1-227 414-852 931-1192 1906-2312 3075-3183 3467-3994
HNGDK41	4088	574559	AC032044	29159	1-227 414-852 931-1192 1906-2312 3075-3183 3467-3994
HNGDK41	4088	574559	AC025071	29160	1-605
HNGDK41	4088	574559	AC032044	29161	1-605
HNGDL72	4090	574451	AL359433	29162	1-101
HNGDL72	4090	574451	AL359433	29163	1-351 573-1010 1453-1570 3107-3392
HNGDL93	4091	927582	AC040903	29164	1-320
HNGDL93	4091	927582	AC026635	29165	1-320
HNGDL93	4091	927582	AC068188	29166	1-320
HNGDO17	4092	973285	AL135917	29167	1-693
HNGDO17	4092	973285	AL135917	29168	1-126
HNGDP13	4094	574484	AL160168	29169	1-485
HNGDP27	4095	574482	AC006460	29170	1-708
HNGDP27	4095	574482	AC006460	29171	1-694
HNGDP29	4096	574488	AC036202	29172	1-484
HNGDP29	4096	574488	AC006994	29173	1-484
HNGDP29	4096	574488	AC036202	29174	1-333
HNGDP29	4096	574488	AC036202	29175	1-136
HNGDP29	4096	574488	AC006994	29176	1-136
HNGDP29	4096	574488	AC006994	29177	1-333
HNGDP30	4097	574480	AC005866	29178	1-568

HNGDP30	4097	574480	AC005866	29179	1-369 1051-1561
HNGDP71	4098	574481	AC055762	29180	1-353
HNGDP74	4099	860669	AC010976	29181	1-497
HNGDP89	4100	574478	AC009887	29182	1-404
HNGDP89	4100	574478	AC009887	29183	1-643
HNGDR19	4102	953672	AC068837	29184	1-427
HNGDR42	4103	657404	AL139322	29185	1-282
HNGDR42	4103	657404	AL139322	29186	1-329
HNGDR88	4106	860666	AC023866	29187	1-339
HNGDR88	4106	860666	AF216798	29188	1-341
HNGDS59	4108	576763	AC073053	29189	1-679
HNGDS59	4108	576763	AL035469	29190	1-679
HNGDS59	4108	576763	AC073053	29191	1-459
HNGDS59	4108	576763	AL035469	29192	1-459
HNGDS96	4109	796488	AC020873	29193	1-516
HNGDS96	4109	796488	AC011556	29194	1-154
HNGDS96	4109	796488	AC022155	29195	1-515
HNGDS96	4109	796488	AC011556	29196	1-517
HNGDS96	4109	796488	AC011531	29197	1-1343 3029-4109 4203-4388 4393-4711 4905-5051 5383-5574 5720-5827 6138-6227 7558-8074 9955-10347
HNGDS96	4109	796488	AC011556	29198	1-748 3515-4023 4508-4727 4940-5078 5751-5776
HNGDS96	4109	796488	AC011531	29199	1-504
HNGDT36	4110	572895	AC020980	29200	1-360
HNGDT36	4110	572895	AC020980	29201	1-295
HNGDU45	4111	722062	AL121935	29202	1-512
HNGDU45	4111	722062	AL353747	29203	1-512
HNGDU45	4111	722062	AL121935	29204	1-564 1814-1937
HNGDU45	4111	722062	AL121935	29205	1-250
HNGDU45	4111	722062	AL353747	29206	1-564 1814-1937
HNGDU45	4111	722062	AL353747	29207	1-250
HNGDV25	4113	573152	AF176681	29208	1-834
HNGDV25	4113	573152	AF238280	29209	1-305
HNGDV25	4113	573152	AF216665	29210	1-781
HNGDV25	4113	573152	AF118808	29211	1-781
HNGDV25	4113	573152	AF216668	29212	1-781
HNGDV59	4114	739407	AC006166	29213	1-161
HNGDV59	4114	739407	AB023051	29214	1-161
HNGDV96	4115	796487	AL353803	29215	1-322
HNGDV96	4115	796487	AL353803	29216	1-111
HNGDW23	4116	576773	AC026156	29217	1-374
HNGDW62	4117	573162	AC003656	29218	1-374

HNGDW62	4117	573162	AP001054	29219	1-374
HNGDW62	4117	573162	AC003656	29220	1-333
HNGDW62	4117	573162	AP001054	29221	1-333
HNGDY12	4120	870390	AC006263	29222	1-660
HNGDY12	4120	870390	AC006263	29223	1-501
HNGDY12	4120	870390	AC006263	29224	1-125
HNGDY92	4123	920168	AL033538	29225	1-417
HNGEA44	4125	572855	AC068503	29226	1-161
HNGEA44	4125	572855	AC073971	29227	1-161
HNGEA88	4127	578911	AC008785	29228	1-357
HNGEA88	4127	578911	AC002045	29229	1-357
HNGEA88	4127	578911	AC002492	29230	1-357
HNGBE79	4128	576743	Z97351	29231	1-290
HNGBE81	4129	572862	AP000030	29232	1-307
HNGBE81	4129	572862	AP000133	29233	1-307
HNGBE81	4129	572862	AP000211	29234	1-307
HNPEC02	4131	917530	AC078894	29235	1-654
HNPEC02	4131	917530	AC025781	29236	1-546
HNPEC02	4131	917530	AC026815	29237	1-654
HNPEC02	4131	917530	AC027035	29238	1-624
HNPEC02	4131	917530	AC034258	29239	1-648
HNPEC02	4131	917530	AC066689	29240	1-639
HNPEC02	4131	917530	AC069474	29241	1-571
HNPEC02	4131	917530	AC073555	29242	1-640
HNPEC02	4131	917530	AC078893	29243	1-640
HNPEC02	4131	917530	AC068667	29244	1-654
HNPEC02	4131	917530	AC073166	29245	1-640
HNPEC02	4131	917530	AC074226	29246	1-640
HNPEC02	4131	917530	AC074196	29247	1-606
HNPEC02	4131	917530	AC027034	29248	1-509
HNPEC02	4131	917530	AC024261	29249	1-647
HNPEC02	4131	917530	AC027037	29250	1-640
HNPEC02	4131	917530	AC078898	29251	1-640
HNPEC02	4131	917530	AC068924	29252	1-640
HNPEC02	4131	917530	AL023494	29253	1-519
HNPEC02	4131	917530	AL023494	29254	1-146
HNPEC02	4131	917530	AL023494	29255	1-264
HNPEC06	4132	935840	AC022985	29256	1-305
HNPEC06	4132	935840	AC024378	29257	1-305
HNPEC06	4132	935840	AC022627	29258	1-305
HNPEC41	4133	782294	AP001195	29259	1-483
HNPEC41	4133	782294	AP001905	29260	1-483
HNPEC41	4133	782294	AP001195	29261	1-190
HNPEC44	4135	806031	AC024468	29262	1-514
HNPEC44	4135	806031	AC024468	29263	1-373
HNPEC44	4135	806031	AC024468	29264	1-365
HNPEC75	4136	916809	AC061979	29265	1-633
HNPEC75	4136	916809	AC061979	29266	1-906
HNGED03	4137	924696	AL390778	29267	1-561
HNGED21	4138	920156	AC011423	29268	1-345
HNGED21	4138	920156	AC011423	29269	1-139
HNGED77	4139	572868	AC022530	29270	1-376
HNGED91	4140	790309	AL157711	29271	1-70 420-535 1251-1354

					2377-3464 4653-4821 5485-5794 5962-6104 6239-6315 7764-7849 8437-9189 11058-11510 11675-11902 12077-12524 15293-15462
HNGED91	4140	790309	AL157711	29272	1-687
HNGE39	4142	573065	AC006408	29273	1-312
HNGE39	4142	573065	AC005809	29274	1-312
HNGE39	4142	573065	AC006408	29275	1-421
HNGE39	4142	573065	AC005809	29276	1-421
HNGEF58	4143	708692	AP001645	29277	1-396
HNNEG85	4146	784431	AC026914	29278	1-392
HNGEI47	4149	720471	AL356581	29279	1-1097 1640-2275 4869-5304 7080-7302
HNGEI47	4149	720471	AC026900	29280	1-450
HNGEI47	4149	720471	AL138842	29281	1-560 757-1711 1737-1840 1984-3641 3688-4321 4870-4999 5905-6877 6899-7917 7966-8732 9008-9328
HNGEI47	4149	720471	AL138796	29282	1-450
HNGEI47	4149	720471	AL139152	29283	1-1019
HNGEI47	4149	720471	AC027209	29284	1-1018
HNGEI47	4149	720471	AL138842	29285	1-107 720-896 1564-2068 2076-2696 2716-7971
HNGEI47	4149	720471	AL138796	29286	1-422 431-573
HNGEI47	4149	720471	AC026900	29287	1-422 431-573
HNGEI47	4149	720471	AL139152	29288	1-969
HNGEI47	4149	720471	AL138842	29289	1-409
HNGEI47	4149	720471	AL138796	29290	1-334
HNGEI47	4149	720471	AL139152	29291	1-2463
HNGEI47	4149	720471	AC027209	29292	1-334
HNGEI47	4149	720471	AC027209	29293	1-422 431-573
HNGEJ04	4150	932199	AC067837	29294	1-255
HNGEJ04	4150	932199	AC073382	29295	1-254
HNGEJ04	4150	932199	AC067837	29296	1-624 1043-1079

					1410-1627
HNGEJ22	4151	573066	AF189001	29297	1-1055 2129-2229 2842-3034 7411-7574
HNGEJ22	4151	573066	AF189001	29298	1-681
HNGEJ22	4151	573066	AF189001	29299	1-350
HNGEJ35	4152	934987	Z94161	29300	1-577
HNGEJ35	4152	934987	AL032818	29301	1-577
HNGEJ35	4152	934987	Z94161	29302	1-484
HNGEJ35	4152	934987	Z94161	29303	1-120
HNGEJ35	4152	934987	AL032818	29304	1-484
HNGEJ35	4152	934987	AL032818	29305	1-120
HNGEK30	4153	572864	AL118513	29306	1-266
HNGEK30	4153	572864	AL118513	29307	1-97
HNGEK44	4154	576745	AL031273	29308	1-175
HNGEK44	4154	576745	AL031273	29309	1-429
HNGEK68	4155	753159	AL157410	29310	1-331
HNGEK68	4155	753159	AL157410	29311	1-520
HNGEK68	4155	753159	AL157410	29312	1-3516
HNGEL92	4157	572867	AC069250	29313	1-362
HNGEM38	4158	573041	AC023377	29314	1-370
HNGEM38	4158	573041	AC009574	29315	1-370
HNGEM38	4158	573041	AC009583	29316	1-511
HNGEM38	4158	573041	AC023377	29317	1-67 965-1387
HNGEM38	4158	573041	AC009574	29318	1-67 965-1387
HNGEM38	4158	573041	AC009583	29319	1-69 970-1392
HNGEN37	4160	663955	AC068495	29320	1-533
HNGEN37	4160	663955	AC073670	29321	1-533
HNGEN37	4160	663955	AC020825	29322	1-509
HNGEPP55	4162	732262	AL158052	29323	1-358
HNGEPP55	4162	732262	AL158052	29324	1-106
HNGEPP61	4163	576749	AL139288	29325	1-428
HNGEPP77	4167	861710	AC009542	29326	1-2456 2663-3054 3150-3729 3975-5130 5147-5470 5505-7332
HNGEPP77	4167	861710	AC009330	29327	1-2456 2663-3054 3150-3729 3979-5134 5151-5474 5509-7334
HNGEPP77	4167	861710	AC009542	29328	1-5071
HNGEPP77	4167	861710	AC009330	29329	1-5072
HNGEPP77	4167	861710	AC009542	29330	1-512
HNGEPP77	4167	861710	AC009330	29331	1-512
HNGEPP81	4168	778161	AC027682	29332	1-198 855-1712 4440-4562
HNGEPP81	4168	778161	AC009095	29333	1-858

HNGEP81	4168	778161	AC009095	29334	1-198
HNGEQ07	4169	953647	AC015841	29335	1-78 116-1166 1241-1838 2635-3098 3562-3663 4434-4529 5009-5681 5701-6697 6700-7014 7140-7449
HNGEQ07	4169	953647	AC004586	29336	1-78 116-1166 1241-1838 2635-3098 3525-3662 4433-4528 5008-5680 5700-6157 6399-7015 7137-7450 7617-8130
HNGEQ07	4169	953647	AC004586	29337	1-221 335-1013 2400-2545
HNGEQ07	4169	953647	AC004586	29338	1-672
HNGER25	4172	572873	U95738	29339	1-93
HNGER25	4172	572873	AL021921	29340	1-93
HNGER25	4172	572873	AL021921	29341	1-1031
HNGER25	4172	572873	U95738	29342	1-1031
HNGER43	4173	699391	AC023328	29343	1-383
HNGER82	4175	945838	AC010257	29344	1-967
HNGER82	4175	945838	AC010603	29345	1-1265
HNGER82	4175	945838	AC010603	29346	1-126
HNGER84	4176	586451	AC026792	29347	1-361
HNGER84	4176	586451	AC011213	29348	1-543
HNGER84	4176	586451	AC026792	29349	1-542
HNGER84	4176	586451	AC010385	29350	1-543
HNGER84	4176	586451	AC011213	29351	1-811
HNGER84	4176	586451	AC026792	29352	1-814
HNGER84	4176	586451	AC026792	29353	1-186
HNGER84	4176	586451	AC010385	29354	1-186
HNGER84	4176	586451	AC010385	29355	1-814
HNGER96	4177	922996	AC010904	29356	1-505
HNGER96	4177	922996	AC073312	29357	1-505
HNGES56	4178	733543	AC018445	29358	1-187
HNGES56	4178	733543	AC044917	29359	1-304
HNGES56	4178	733543	AP001908	29360	1-304
HNGES56	4178	733543	AP001839	29361	1-303
HNGES56	4178	733543	AP001839	29362	1-102
HNGES59	4179	490034	AC008533	29363	1-2431
HNGES59	4179	490034	AC012630	29364	1-996
HNGES59	4179	490034	AC011371	29365	1-996
HNGES59	4179	490034	AC008533	29366	1-563
HNGES59	4179	490034	AC012630	29367	1-1438
HNGES59	4179	490034	AC011371	29368	1-1438

HNGES89	4180	573013	AC074113	29369	1-431
HNGET07	4181	953618	AC022551	29370	1-406
HNGET31	4182	506498	AC023170	29371	1-475
HNGET31	4182	506498	AC009933	29372	1-475
HNGET31	4182	506498	AC023170	29373	1-639
HNGET31	4182	506498	AC009933	29374	1-648
HNGET67	4183	953529	AC016727	29375	1-330 3677-3788 4309-4722 4973-5283
HNGEU35	4184	853582	AC027421	29376	1-702
HNGEU35	4184	853582	AC027421	29377	1-3907
HNGEU35	4184	853582	AC027421	29378	1-200
HNGEV33	4186	781207	AL390726	29379	1-381
HNGEV33	4186	781207	AC009485	29380	1-401
HNGEV33	4186	781207	AC009485	29381	1-238
HNGEV33	4186	781207	AC009485	29382	1-277
HNGEV38	4188	572882	AL050349	29383	1-317
HNGEV38	4188	572882	AL050349	29384	1-88
HNGEV53	4190	573090	AC067785	29385	1-303
HNGEV59	4191	576750	AL355867	29386	1-318
HNGEV59	4191	576750	AC016319	29387	1-318
HNGEV59	4191	576750	AL365270	29388	1-318
HNGEV59	4191	576750	AC016319	29389	1-359
HNGEV59	4191	576750	AL365270	29390	1-359
HNGEV65	4192	750391	AC004223	29391	1-2304
HNGEV65	4192	750391	AC004223	29392	1-416
HNGEV65	4192	750391	AC004223	29393	1-200 322-835 1500-1654 2207-2379 2490-2574 3063-3240 4814-4972 6605-6743 7111-7189 7970-8424 8739-9055 9119-10111 10322-10410 11334-11433 11794-12291 12424-12645 13206-13871 14481-14714 14810-15608
HNGEV70	4193	573089	AL138787	29394	1-275
HNGEV70	4193	573089	AC012141	29395	1-275
HNGEV70	4193	573089	AL138901	29396	1-275
HNGEV75	4194	506312	AL157718	29397	1-249
HNGEV75	4194	506312	AL109953	29398	1-249
HNGEV75	4194	506312	AL157718	29399	1-300
HNGEV75	4194	506312	AL109953	29400	1-300
HNGEV88	4196	750542	AC022255	29401	1-130 1037-2585 3348-3448

					3461-3944 4155-4292 4676-4788 7102-7419 7538-7834 8285-8577 8627-8899 9196-9539 10463-10876 10954-11302 12073-12340 13602-14259 14695-14853 15348-15469 16121-16262
HNGEV88	4196	750542	AC022255	29402	1-272
HNGEW18	4197	958328	AC034150	29403	1-343
HNGEW18	4197	958328	AC011107	29404	1-343
HNGEW18	4197	958328	AC034150	29405	1-449
HNGEW18	4197	958328	AC011107	29406	1-449
HNGEX06	4199	935838	AL110505	29407	1-540
HNGEX95	4202	572897	AC026542	29408	1-322
HNGEX95	4202	572897	AL359966	29409	1-300
HNGEX95	4202	572897	AL355386	29410	1-300
HNGEY41	4203	973310	AL353676	29411	1-595
HNGEY41	4203	973310	AL353676	29412	1-868
HNGEY50	4204	676067	AC022969	29413	1-343
HNGEY50	4204	676067	AL358340	29414	1-343
HNGEY50	4204	676067	AC022969	29415	1-97
HNGEY50	4204	676067	AL358340	29416	1-97
HNGEY60	4205	920375	AC012173	29417	1-119 1394-1470 1916-2336 2726-3089 4263-4553 4729-5061 6009-6883 8032-9087 9393-9810 9927-10292 11203-11317 12288-12388 13285-13400 15167-15296
HNGEY60	4205	920375	AC074381	29418	1-51 1329-1405 1865-2271 2661-3024 4193-4483 4659-4991 5938-6812 7960-9015 9321-9738 9855-10220 11131-11244
HNGEY60	4205	920375	AC012173	29419	1-493
HNGEY80	4206	790222	AC007252	29420	1-421

HNGEY84	4207	752239	AC058804	29421	1-1249
HNGEY84	4207	752239	AC058804	29422	1-195
HNGFA28	4209	774277	AF189001	29423	1-681
HNGFA28	4209	774277	AF189001	29424	1-1529
HNGFA28	4209	774277	AF189001	29425	1-1055 2129-2229 2842-3034 7411-7574
HNGFA41	4211	952235	AC027741	29426	1-81 1923-2785 3210-3284 3340-3881 4225-5627 5852-6334 6354-6646 6957-7496
HNGFA41	4211	952235	AC034199	29427	1-1696 2681-3056 3431-3761 4162-5448 5993-6238 7184-7849 9340-9983 10911-11041 11097-11638 11799-12535 13980-14011 15508-15618 15841-15865 17847-18219 19245-19632 19678-19762 19880-19946 20032-20709 21256-21353 23155-24017 24442-24516 24572-25113 25474-26861 27086-27568 27588-27881 28192-28731
HNGFA41	4211	952235	AC027741	29428	1-678
HNGFA41	4211	952235	AC034199	29429	1-723
HNGFA80	4213	963490	AC009105	29430	1-624
HNGFA80	4213	963490	AC009163	29431	1-624
HNGFA80	4213	963490	AC026419	29432	1-624
HNGFB08	4214	959738	AC068118	29433	1-350
HNGFB08	4214	959738	AL357060	29434	1-350
HNGFB08	4214	959738	AC068118	29435	1-507
HNGFB08	4214	959738	AL357060	29436	1-507
HNGFB52	4215	573575	AL139246	29437	1-368
HNGFB57	4216	868072	AL132822	29438	1-399
HNGFC71	4218	573160	AL359792	29439	1-487
HNGFC71	4218	573160	AL359792	29440	1-587
HNGFD75	4220	823462	AC068495	29441	1-359 404-1019

HNGFD85	4221	783467	AL049871	29442	1-537
HNGFD96	4222	968248	AC015854	29443	1-529 811-1444
HNGFD96	4222	968248	AC015916	29444	1-529 811-1444
HNGFD96	4222	968248	AC055872	29445	1-529 811-1444
HNGFD96	4222	968248	AC055872	29446	1-111
HNGFD96	4222	968248	AC015854	29447	1-111
HNGFD96	4222	968248	AC015916	29448	1-111
HNGFF35	4223	805996	AL136089	29449	1-635
HNGFF35	4223	805996	AL135840	29450	1-635
HNGFF35	4223	805996	AL136089	29451	1-456
HNGFF35	4223	805996	AL135840	29452	1-456
HNGFH94	4228	966118	AC044896	29453	1-510
HNGFI06	4229	935828	AC068708	29454	1-457
HNGFI06	4229	935828	AC026886	29455	1-457
HNGFI06	4229	935828	AC025944	29456	1-457
HNGFI06	4229	935828	AC068708	29457	1-415
HNGFI06	4229	935828	AC068708	29458	1-326
HNGFI06	4229	935828	AC026886	29459	1-415
HNGFI06	4229	935828	AC025944	29460	1-415
HNGFI20	4230	578896	AC073971	29461	1-608
HNGFI20	4230	578896	AC012509	29462	1-609
HNGFI20	4230	578896	AC073971	29463	1-127
HNGFI20	4230	578896	AC012509	29464	1-89
HNGFI32	4231	699398	AC073612	29465	1-370
HNGFI32	4231	699398	AC011601	29466	1-380
HNGFI32	4231	699398	AC073612	29467	1-307
HNGFI32	4231	699398	AC011601	29468	1-307
HNGFI81	4232	578892	AC021829	29469	1-485
HNGFI81	4232	578892	AC011942	29470	1-485
HNGFK44	4235	860589	AC026275	29471	1-261
HNGFL04	4236	572833	AL391216	29472	1-365
HNGFL04	4236	572833	AC026858	29473	1-332
HNGFM74	4238	578884	AL359549	29474	1-537
HNGFM74	4238	578884	AC069330	29475	1-537
HNGFM74	4238	578884	AC069330	29476	1-560
HNGFM74	4238	578884	AL359549	29477	1-560
HNGFM79	4239	860585	AL355032	29478	1-369
HNGFM79	4239	860585	AL049836	29479	1-623
HNGFM79	4239	860585	AL355032	29480	1-340
HNGFM79	4239	860585	AL049836	29481	1-340
HNGFN56	4241	970740	AC055873	29482	1-372
HNGFN56	4241	970740	AC055873	29483	1-433
HNGFN96	4243	770209	AC016516	29484	1-1078
HNGFN96	4243	770209	AC011893	29485	1-1077
HNGFN96	4243	770209	AC012551	29486	1-1077
HNGFN96	4243	770209	AC011893	29487	1-495 4086-4608
HNGFN96	4243	770209	AC012551	29488	1-137 460-610 1162-1519 1692-2145 3153-3647 7238-7760

HNGFN96	4243	770209	AC016516	29489	1-495 4088-4610
HNGFN96	4243	770209	AC011893	29490	1-116
HNGFN96	4243	770209	AC012551	29491	1-116
HNGFO46	4244	935135	AL354696	29492	1-387 4792-5116 5651-5733 7609-7711 8858-8981
HNGFO81	4246	526792	AC008981	29493	1-393
HNGFO81	4246	526792	AC008981	29494	1-374
HNGFP02	4247	920483	AC017053	29495	1-364
HNGFP08	4248	959730	AL008720	29496	1-293
HNGFP62	4249	573052	AP001374	29497	1-405
HNGFP62	4249	573052	AP001339	29498	1-405
HNGFP62	4249	573052	AP001374	29499	1-364 622-1136 1644-2106 2133-3309
HNGFP62	4249	573052	AP001339	29500	1-364 622-1136 1644-2106 2133-3309
HNGFP80	4250	931021	AC034151	29501	1-365
HNGFP80	4250	931021	AC027487	29502	1-928 1100-1620
HNGFP80	4250	931021	AC027612	29503	1-1283 1454-2941 3293-3691
HNGFP80	4250	931021	AC005629	29504	1-928 1100-1620
HNGFP80	4250	931021	AC027487	29505	1-315 390-919 1270-1663
HNGFP80	4250	931021	AC027612	29506	1-284
HNGFP80	4250	931021	AC027612	29507	1-570
HNGFP80	4250	931021	AC005629	29508	1-315 390-919 1270-1426
HNGFP93	4251	707332	AC007136	29509	1-2394 2668-2714 2744-3010 3576-3744 4376-4571 4963-5061 5136-5751 6038-6120 8722-8821 8903-9114 9141-9229 11379-11750 12999-13460
HNGFP93	4251	707332	AC007136	29510	1-138
HNGFP93	4251	707332	AC007136	29511	1-113
HNGFQ36	4252	703715	AC021116	29512	1-302
HNGFQ36	4252	703715	AC021116	29513	1-912

HNGFR02	4254	920482	AC025878	29514	1-284
HNGFR02	4254	920482	AC025878	29515	1-523
HNGFR16	4255	573358	Z80896	29516	1-517
HNGFR16	4255	573358	U51560	29517	1-517
HNGFR16	4255	573358	Z80896	29518	1-315
HNGFR16	4255	573358	Z80896	29519	1-616
HNGFR16	4255	573358	U51560	29520	1-616
HNGFR16	4255	573358	U51560	29521	1-315
HNGFR48	4256	860245	AC008541	29522	1-762 1929-2390
HNGFR48	4256	860245	AC026422	29523	1-762 1925-2386
HNGFR48	4256	860245	AC008541	29524	1-650
HNGFR73	4257	646263	AC016848	29525	1-1007
HNGFR80	4258	576713	AC066612	29526	1-436
HNGFR80	4258	576713	AC009823	29527	1-436
HNGFR80	4258	576713	AC009823	29528	1-116
HNGFR85	4259	572838	AC004605	29529	1-309
HNGFS46	4260	573094	AC027359	29530	1-259
HNGFS46	4260	573094	AC027359	29531	1-207
HNGFS58	4261	932396	AC024003	29532	1-358
HNGFS58	4261	932396	AL356431	29533	1-358
HNGFT19	4263	671599	AL031055	29534	1-622
HNGFT77	4264	772335	AC013587	29535	1-411
HNGFU12	4265	971170	AC021567	29536	1-608
HNGFU28	4266	860576	AC023194	29537	1-398
HNGFU40	4267	559450	AC016525	29538	1-449
HNGFU40	4267	559450	AC008131	29539	1-449
HNGFV03	4268	924670	AC007044	29540	1-413
HNGFV03	4268	924670	AC005155	29541	1-413
HNGFV32	4269	806047	AC013476	29542	1-188
HNGFW09	4270	924693	AL354671	29543	1-372
HNGFW15	4271	578901	AC013320	29544	1-216
HNGFW15	4271	578901	AC055884	29545	1-363
HNGFW15	4271	578901	AC021016	29546	1-363
HNGFW15	4271	578901	AC013320	29547	1-471
HNGFW15	4271	578901	AC055884	29548	1-471
HNGFW15	4271	578901	AC055884	29549	1-121
HNGFW15	4271	578901	AC021016	29550	1-121
HNGFW15	4271	578901	AC021016	29551	1-471
HNGFW31	4272	578864	AC068978	29552	1-327
HNGFW31	4272	578864	AC055739	29553	1-479
HNGFW82	4273	839957	AL390065	29554	1-166
HNGFW82	4273	839957	AL390065	29555	1-119 122-262
HNGFW96	4274	959715	AL356107	29556	1-413
HNGGA08	4275	959637	AC037429	29557	1-300
HNGGA08	4275	959637	AL162736	29558	1-300
HNGGA08	4275	959637	AC037429	29559	1-609
HNGGA08	4275	959637	AL162736	29560	1-364
HNGGA08	4275	959637	AL162736	29561	1-636
HNGGA10	4276	964820	AL358791	29562	1-508
HNGGA20	4277	764502	AC006160	29563	1-143 2393-2515 2535-3061

					3625-4065 4335-4390 4860-5080 5330-5658 5686-6217 7079-7531 7544-7712 7756-7849 7861-8042 9734-9884 10079-10253 10892-11106 11394-11550 12440-13047 13148-13379 14620-15326 16193-16634 18931-19049 22700-22857 25617-25726 27156-27243 27953-28427 29040-29183 29399-29513 29897-30550 36065-36359 36458-36485
HNGGA20	4277	764502	AC006160	29564	1-81 185-259 314-593
HNGGA40	4278	506337	AC023194	29565	1-351
HNGGA44	4279	577362	AC005220	29566	1-541
HNGGA44	4279	577362	AC005220	29567	1-429
HNGGA53	4280	576212	AC002288	29568	1-426
HNGGA53	4280	576212	AF265340	29569	1-426
HNGGA53	4280	576212	AC002288	29570	1-305
HNGGA53	4280	576212	AC002288	29571	1-137
HNGGA53	4280	576212	AF265340	29572	1-137
HNGGA90	4281	572869	AC068975	29573	1-481
HNGGA90	4281	572869	AC068975	29574	1-396
HNGGB09	4282	881399	AC015656	29575	1-1067
HNGGB09	4282	881399	AC015656	29576	1-100
HNGGE10	4283	964821	AC024053	29577	1-326
HNGGE10	4283	964821	AL359703	29578	1-326
HNGGF03	4286	924587	AL353756	29579	1-344
HNGGF06	4287	935709	AC008124	29580	1-386
HNGGF57	4289	576256	AC037195	29581	1-360
HNGGF57	4289	576256	AC011229	29582	1-360
HNGGF57	4289	576256	AC011229	29583	1-982
HNGGG02	4290	920379	AC073094	29584	1-385
HNGGG02	4290	920379	AC073094	29585	1-390
HNGGG10	4291	964818	AC024700	29586	1-466
HNGGG10	4291	964818	AC010336	29587	1-466
HNGGG10	4291	964818	AC008812	29588	1-466
HNGGG15	4292	576294	AC010907	29589	1-320
HNGGG15	4292	576294	AC019172	29590	1-320

HNGGG18	4293	506304	AC009056	29591	1-291 1189-1772 2261-2563 2770-3086 3180-3425 4980-5350 5968-6170
HNGGG18	4293	506304	AC009056	29592	1-138
HNGGG22	4294	576267	AL355840	29593	1-305
HNGGG22	4294	576267	AL355840	29594	1-231
HNGGG26	4296	576298	AC048378	29595	1-346
HNGGG26	4296	576298	AC048378	29596	1-308
HNGGG50	4297	576295	AL161427	29597	1-409
HNGGG50	4297	576295	AL358793	29598	1-409
HNGGG56	4298	733510	AC007500	29599	1-301
HNGGG56	4298	733510	AC007500	29600	1-282
HNGGG76	4300	576231	AC011259	29601	1-401
HNGGH48	4302	576705	AC023320	29602	1-260 1921-2085 2597-2751 3359-3653 4153-4718 4987-5261 5361-5389 5609-6038 6420-6780 6920-7578 10637-10711
HNGGH48	4302	576705	AC023320	29603	1-361
HNGGH48	4302	576705	AC023320	29604	1-335
HNGGH48	4302	576705	AC023320	29605	1-294
HNGGH57	4303	576278	AC008689	29606	1-178
HNGGH57	4303	576278	AC008689	29607	1-174
HNGGH95	4307	576214	AC007779	29608	1-316
HNGGH95	4307	576214	AL391056	29609	1-316
HNGGH95	4307	576214	AC007779	29610	1-115
HNGGH95	4307	576214	AL391056	29611	1-146
HNGGH95	4307	576214	AC007779	29612	1-146
HNGGH95	4307	576214	AL391056	29613	1-109
HNGGI81	4311	830081	AC013767	29614	1-395
HNGGI81	4311	830081	AC027786	29615	1-396
HNGGI81	4311	830081	AP000852	29616	1-900
HNGGI81	4311	830081	AP000852	29617	1-251
HNGGI81	4311	830081	AP000852	29618	1-704
HNGGK86	4314	576247	AL023803	29619	1-327
HNGGK86	4314	576247	AL023803	29620	1-308
HNGGK86	4314	576247	AL023803	29621	1-898
HNGGK94	4315	576255	AL356258	29622	1-291
HNGGK94	4315	576255	AL356258	29623	1-118
HNGGL51	4316	576758	AC025982	29624	1-495 864-1195 1664-2199
HNGGL51	4316	576758	AC021654	29625	1-495 864-1195 1664-2196
HNGGL51	4316	576758	AC025982	29626	1-180

HNGGL51	4316	576758	AC025982	29627	1-290
HNGGL51	4316	576758	AC021654	29628	1-290
HNGGM10	4317	964819	AC024721	29629	1-725
HNGGM10	4317	964819	AC011549	29630	1-153 322-1046 2293-2417 2662-2799 3589-3700 4119-4279 4875-4954
HNGGM10	4317	964819	AC007766	29631	1-153 322-1046 2293-2417 2661-2799 3589-3700 4119-4280 4875-4954 7153-7408 7584-8104 8233-8388 9189-9523 10185-10231 11314-11471 13092-13175 13465-13570 13578-13709 14164-14374 15790-16183
HNGGM10	4317	964819	AC011549	29632	1-162
HNGGM41	4318	576284	AP001787	29633	1-736 1148-1627
HNGGM41	4318	576284	AP001787	29634	1-498
HNGGM41	4318	576284	AP001787	29635	1-193
HNGGM67	4320	576220	AL355301	29636	1-304
HNGGM76	4321	576287	AC005777	29637	1-362
HNGGM92	4322	576229	AC073532	29638	1-296
HNGGM92	4322	576229	AC073532	29639	1-516
HNGGN03	4323	924578	AC005325	29640	1-354
HNGGN03	4323	924578	AC005325	29641	1-377
HNGGN04	4324	576263	AL096869	29642	1-272
HNGGN04	4324	576263	AC006536	29643	1-272
HNGGN04	4324	576263	AL096869	29644	1-155
HNGGN04	4324	576263	AC006536	29645	1-155
HNGGN16	4325	576268	AC023230	29646	1-347
HNGGN16	4325	576268	AC023230	29647	1-340
HNGGN16	4325	576268	AC023230	29648	1-940 1013-1157 1230-1679 1739-3513 3602-3782 3869-4022 4120-4274 4350-4663 4949-5092 5482-5550 5629-5742 5855-5932

					6070-6130 6253-7016
HNGGN36	4326	708119	AC011407	29649	1-399
HNGGN36	4326	708119	AC011407	29650	1-480
HNGGN94	4328	967253	AC004592	29651	1-388
HNGGO01	4329	916754	AC019071	29652	1-424
HNGGO01	4329	916754	AP001809	29653	1-424
HNGGO01	4329	916754	AC019071	29654	1-104
HNGGO01	4329	916754	AP001809	29655	1-277
HNGGO01	4329	916754	AP001809	29656	1-107
HNGGO14	4330	860246	AL022315	29657	1-328
HNGGO25	4331	576277	AC021028	29658	1-326
HNGGO25	4331	576277	AL031279	29659	1-326
HNGGQ31	4332	576238	AC073136	29660	1-389
HNGGQ31	4332	576238	AC073136	29661	1-155
HNGGQ41	4333	712426	AC000380	29662	1-158 312-453 1666-1869 3436-3572 5180-5341 7131-7331 8193-8354 11894-12047 13206-13508 14491-14668 15035-15484 15791-15841 17176-17533 18712-19255 19289-19937 20000-20913 21303-21856 21863-22286 23547-23720 26355-26530 27964-28068 28217-28457 30054-30196 30394-31134 31310-31413 35958-36060 36074-36570 37214-37492 37814-38451 39132-39245 40565-40744 40882-41241 42753-42832 43212-43378 43529-44001
HNGGQ41	4333	712426	AC000380	29663	1-368
HNGGQ65	4334	576249	AB014078	29664	1-196
HNGGQ65	4334	576249	AC006139	29665	1-196
HNGGQ65	4334	576249	AC004209	29666	1-196
HNGGQ65	4334	576249	AC006139	29667	1-265
HNGGQ89	4335	577327	AL031033	29668	1-116 627-821

					895-1026 1195-1308 1444-1549 1687-3401
HNGGQ89	4335	577327	AC067772	29669	1-116 627-821 895-1026 1195-1308 1443-1548 1686-3400
HNGGQ89	4335	577327	AC067772	29670	1-291
HNGGQ89	4335	577327	AL031033	29671	1-112 268-395
HNGGQ89	4335	577327	AC067772	29672	1-112 268-395
HNGGR01	4336	916753	AC069176	29673	1-379
HNGGR01	4336	916753	AC025279	29674	1-355 562-1399
HNGGR01	4336	916753	AC009167	29675	1-100 150-2481
HNGGR01	4336	916753	AC008740	29676	1-7611 7635-9123 9175-11952 12563-14952 14960-15396 15642-17284 17417-17695 17815-18052 18094-18389
HNGGR01	4336	916753	AF001549	29677	1-3274 3293-7596 7731-8018 8174-10594 10600-11036 11282-12924 13067-13345 13465-13701 13833-14871 15022-15599 15770-17936 18053-18259 18629-18792 19000-19613 19801-20226 20232-21346 21489-30792 30873-31405
HNGGR01	4336	916753	AC008864	29678	1-5357 5376-9679 10257-12677 12682-13118 13364-15006 15128-15406 15526-15766 15828-15950 15997-20019 20136-20342

					20712-20875 21083-21529 21779-21892 21912-23457
HNGGR01	4336	916753	AC009086	29679	1-3275 3294-7585 7680-7923 8160-10580 10705-10791 11120-13312 13717-14042 14089-15057 15175-15765 15924-18090 18207-18413 18783-18946 19154-19794 19947-21621
HNGGR01	4336	916753	AC017077	29680	1-3273 3291-7595 8177-10296
HNGGR01	4336	916753	AC022030	29681	1-522
HNGGR01	4336	916753	AC020757	29682	1-844
HNGGR01	4336	916753	AC023463	29683	1-840
HNGGR01	4336	916753	AC023814	29684	1-839
HNGGR01	4336	916753	AP001120	29685	1-839
HNGGR01	4336	916753	AC022147	29686	1-840
HNGGR01	4336	916753	AC009124	29687	1-840
HNGGR01	4336	916753	AC009022	29688	1-1097 1245-1438 1546-1695 1982-5427 5995-8417
HNGGR01	4336	916753	AC026468	29689	1-605 753-946 1054-1203 1488-4922 5517-7908 7911-8351 8569-9846 9935-10134 10330-10607 10610-10765 10825-11107 11199-11715 11717-11980 12334-13047 13063-15116 16214-16663 16669-16813 16966-17304 17414-18296 18303-18652 18748-24102
HNGGR01	4336	916753	AC002045	29690	1-100 150-3481 4529-5771

					5788-6058 6334-6757 6816-7115 7198-7990 8358-11121 11230-11471 12000-12825 12977-13312 13343-13426 13432-14315 14320-14671 14777-21332
HNGGR01	4336	916753	AC003007	29691	1-3274 3393-5013
HNGGR01	4336	916753	AF001549	29692	1-2922
HNGGR01	4336	916753	AC008864	29693	1-621
HNGGR01	4336	916753	AC009086	29694	1-954
HNGGR01	4336	916753	AC017077	29695	1-4307
HNGGR01	4336	916753	AC069176	29696	1-309
HNGGR01	4336	916753	AC025279	29697	1-309
HNGGR01	4336	916753	AC022030	29698	1-309
HNGGR01	4336	916753	AC009167	29699	1-115 295-423 441-473
HNGGR01	4336	916753	AC020757	29700	1-309
HNGGR01	4336	916753	AC023463	29701	1-309
HNGGR01	4336	916753	AC008740	29702	1-626 1376-1526 1537-2174 2513-6196 6306-13493
HNGGR01	4336	916753	AF001549	29703	1-720 1659-1921 1985-2836 3566-3608
HNGGR01	4336	916753	AC023814	29704	1-309
HNGGR01	4336	916753	AP001120	29705	1-309
HNGGR01	4336	916753	AC009086	29706	1-1005 1110-4285
HNGGR01	4336	916753	AC020757	29707	1-365
HNGGR01	4336	916753	AC023463	29708	1-370 511-809
HNGGR01	4336	916753	AC023814	29709	1-370 508-806
HNGGR01	4336	916753	AC022147	29710	1-362 485-783
HNGGR01	4336	916753	AC009124	29711	1-370 511-809
HNGGR01	4336	916753	AC022147	29712	1-309
HNGGR01	4336	916753	AC009124	29713	1-309
HNGGR01	4336	916753	AC009022	29714	1-782 788-1090
HNGGR01	4336	916753	AC009022	29715	1-441
HNGGR01	4336	916753	AC026468	29716	1-1262
HNGGR01	4336	916753	AC002045	29717	1-963
HNGGR01	4336	916753	AC002045	29718	1-115

					309-423 441-473
HNGGR01	4336	916753	AC003007	29719	1-4313
HNGGR10	4337	964815	AC010802	29720	1-361
HNGGR10	4337	964815	AC010802	29721	1-684
HNGGR17	4338	576250	AC013730	29722	1-230
HNGGR74	4340	765698	AC010229	29723	1-391
HNGGR74	4340	765698	AC008645	29724	1-391
HNGGR74	4340	765698	AC016598	29725	1-256
HNGGR74	4340	765698	AC008656	29726	1-391
HNGGR74	4340	765698	AC008656	29727	1-467
HNGGR74	4340	765698	AC010229	29728	1-465
HNGGS26	4342	825369	AC012269	29729	1-378
HNGGS26	4342	825369	AC010931	29730	1-379
HNGGS26	4342	825369	AC009712	29731	1-378
HNGGS33	4343	576305	AC073578	29732	1-449
HNGGS33	4343	576305	AC073578	29733	1-394
HNGGS66	4345	576312	AC020905	29734	1-338
HNGGS67	4346	751781	AC019160	29735	1-256
HNGGS73	4347	576740	AL360078	29736	1-417
HNGGS73	4347	576740	AC011857	29737	1-418
HNGGS73	4347	576740	AL121747	29738	1-417
HNGGS73	4347	576740	AL034548	29739	1-417
HNGGS73	4347	576740	AL360078	29740	1-240
HNGGS73	4347	576740	AL121747	29741	1-240
HNGGS73	4347	576740	AL034548	29742	1-240
HNGGS78	4348	576311	AC016271	29743	1-378
HNGGS78	4348	576311	AC012357	29744	1-378
HNGGS78	4348	576311	AC012357	29745	1-104
HNGGT44	4349	576297	AC073328	29746	1-458
HNGGT44	4349	576297	AC022200	29747	1-458
HNGGT44	4349	576297	AC022200	29748	1-126
HNGGT46	4350	719127	AC073062	29749	1-295
HNGGT46	4350	719127	AC041020	29750	1-295
HNGGT46	4350	719127	AC073062	29751	1-416 1553-1907
HNGGT46	4350	719127	AC041020	29752	1-416 1553-1907
HNGGT55	4351	576302	AL356778	29753	1-494
HNGGT55	4351	576302	AL355807	29754	1-494
HNGGT58	4353	576299	AC055873	29755	1-369
HNGGT58	4353	576299	AC060767	29756	1-369
HNGGT58	4353	576299	AC006212	29757	1-379
HNGGV07	4355	953549	AL160173	29758	1-336
HNGGV55	4356	576313	AC019103	29759	1-417
HNGGV70	4357	781247	AC074190	29760	1-1066
HNGGV95	4358	795920	AC026240	29761	1-270
HNGGV95	4358	795920	AL355611	29762	1-195
HNGGV95	4358	795920	AC023008	29763	1-296
HNGGV95	4358	795920	AC041018	29764	1-284
HNGGV95	4358	795920	AC011175	29765	1-318
HNGGV95	4358	795920	AL365218	29766	1-321
HNGGV95	4358	795920	AC022695	29767	1-326
HNGGV95	4358	795920	AC025201	29768	1-295
HNGGV95	4358	795920	AC021959	29769	1-248

HNGGV95	4358	795920	AC005664	29770	1-250
HNGGV95	4358	795920	AC008055	29771	1-919
HNGGX46	4359	868071	AC018605	29772	1-377
HNGGX46	4359	868071	AC040168	29773	1-377
HNGGX46	4359	868071	AC007495	29774	1-377
HNGGX46	4359	868071	AC040168	29775	1-768
HNGGX46	4359	868071	AC007495	29776	1-768
HNGGX46	4359	868071	AC018605	29777	1-768
HNGGX91	4361	576188	AL138956	29778	1-243
HNGGX91	4361	576188	AL138961	29779	1-243
HNGGX95	4363	576222	AC008891	29780	1-135 154-788 806-861 1113-1181 1509-2136 2210-2270 2289-3247 3441-4183
HNGGX95	4363	576222	AC008891	29781	1-159 283-691 893-1226 1418-2930
HNGGX95	4363	576222	AC008891	29782	1-502
HNGHA08	4364	953539	AC021034	29783	1-338
HNGHA10	4365	860553	AC005304	29784	1-571
HNGHA10	4365	860553	AC005497	29785	1-571
HNGHA10	4365	860553	AC005304	29786	1-133
HNGHA10	4365	860553	AC005497	29787	1-133
HNGHA47	4366	576213	AC008646	29788	1-287
HNGHA47	4366	576213	AC008415	29789	1-287
HNGHA47	4366	576213	AC008415	29790	1-301
HNGHA70	4367	576300	AC006960	29791	1-1342 1781-2192 3954-4313 6139-6374 8241-8603 9501-9597 9724-9858 9933-10044 10840-10980 11775-12126 12149-12599 12617-12733 14502-14565 17882-18220 21115-21414 24857-25009 28062-28089 28373-28490 29049-29107 29200-29247 29844-29975 30983-31159 31800-31937 33047-33197 33478-33629 34313-34548

					35634-36044 36682-36710 37906-38037 41342-41440 42629-42732 43087-43280 45414-46058 47226-47513
HNGHA70	4367	576300	AC008266	29792	1-100 1186-1596 2234-2262 3458-3589 6892-6990 8185-8288 8643-8836 10970-11614 12782-13069
HNGHB07	4369	860552	AC007618	29793	1-411
HNGHB07	4369	860552	AC007618	29794	1-99 944-1086 1460-1557 2450-2936 3166-3727
HNGHB31	4370	576306	AC010136	29795	1-976
HNGHB33	4371	506261	AC010439	29796	1-281
HNGHB33	4371	506261	AC010342	29797	1-359
HNGHB33	4371	506261	AC010439	29798	1-188
HNGHB33	4371	506261	AC010342	29799	1-188
HNGHB33	4371	506261	AC010342	29800	1-2103
HNGHB48	4372	463007	AL031847	29801	1-786
HNGHB48	4372	463007	AL031847	29802	1-332
HNGHB48	4372	463007	AL031847	29803	1-210
HNGHB80	4374	576769	AC026405	29804	1-524
HNGHB80	4374	576769	AC016901	29805	1-524
HNGHB80	4374	576769	AC026405	29806	1-98
HNGHB80	4374	576769	AC016901	29807	1-98
HNGHD04	4376	932099	AL133499	29808	1-106
HNGHD04	4376	932099	AL133499	29809	1-222
HNGHD09	4377	860544	AC026454	29810	1-495 605-706 782-850 945-1409 1740-2527 2622-3136 3430-3798
HNGHD09	4377	860544	AC002544	29811	1-850 894-962 1057-1521 1852-2149 2724-3238 3532-3901 4574-4857 6186-6547 7618-7701 8490-8719 8941-9135 9247-9612

					9999-10330 10726-10827 10955-11086 11275-11417 12185-12296 12415-12572 13215-14238 15500-15615 16640-17130 20307-20435 20812-20925 21051-21109 21296-21423 21639-21835 21974-22048 23955-24279
HNGHD09	4377	860544	U91326	29812	1-658 768-869 945-1013 1108-1571 1902-2689 2782-3296 3590-3959 4634-4917 6246-6607 7665-7748 8537-8766 8988-9182 9294-9660 10046-10377 10773-10874 11002-11133 11322-11464 12235-12346 12465-12622 13265-14288 15550-15665 16692-17183 18652-18756 20359-20487 20863-20976 21102-21160 21347-21474 21690-21886 22025-22099 24005-24329
HNGHD09	4377	860544	AC026454	29813	1-284
HNGHD09	4377	860544	AC002544	29814	1-155
HNGHD09	4377	860544	AC002544	29815	1-124
HNGHD09	4377	860544	U91326	29816	1-172
HNGHD25	4379	506262	AC016385	29817	1-278
HNGHD25	4379	506262	AC016385	29818	1-304
HNGHD25	4379	506262	AC016385	29819	1-250
HNGHD59	4380	836226	AL358788	29820	1-345
HNGHD59	4380	836226	AL358788	29821	1-424
HNGHD59	4380	836226	AL358788	29822	1-165
HNGHD67	4381	576317	AC004520	29823	1-460

HNGHD67	4381	576317	AC004520	29824	1-414 793-1186
HNGHD67	4381	576317	AC004520	29825	1-353
HNGHE07	4382	953540	AC048378	29826	1-340
HNGHE17	4383	576209	AC073042	29827	1-272
HNGHE17	4383	576209	AC016444	29828	1-272
HNGHE52	4384	576197	AC011054	29829	1-343
HNGHE52	4384	576197	AC060805	29830	1-343
HNGHE52	4384	576197	AL358175	29831	1-323
HNGHE52	4384	576197	AC013411	29832	1-345
HNGHE52	4384	576197	AC073210	29833	1-343
HNGHE52	4384	576197	AC010539	29834	1-323
HNGHE52	4384	576197	AC024972	29835	1-346
HNGHE52	4384	576197	AC026106	29836	1-323
HNGHE52	4384	576197	AL133173	29837	1-345
HNGHE52	4384	576197	AC006359	29838	1-345
HNGHE52	4384	576197	AL031601	29839	1-345
HNGHE52	4384	576197	AF254982	29840	1-345
HNGHE52	4384	576197	AC006352	29841	1-2352 2651-6514 7132-7874 7968-8703 8712-9304 9448-9839 10700-10899 10905-11598 12683-13030 14303-14637 16157-16770 17206-17635 20251-20735 22641-23407 23975-24119 24770-25313 33484-33785 36958-37422 37449-37880 38545-38889 39260-41005 42952-43374 43585-44838 45073-45800 46529-47117 47174-47862 48513-49777
HNGHE52	4384	576197	AC002038	29842	1-345
HNGHE52	4384	576197	AC002041	29843	1-345
HNGHE52	4384	576197	AC007882	29844	1-345
HNGHE52	4384	576197	AC013411	29845	1-506
HNGHE52	4384	576197	AC073210	29846	1-54 62-928
HNGHE52	4384	576197	AC024972	29847	1-53 61-929
HNGHE52	4384	576197	AC026106	29848	1-1098
HNGHE52	4384	576197	AC011054	29849	1-557
HNGHE52	4384	576197	AC060805	29850	1-1735

HNGHE52	4384	576197	AL358175	29851	1-168
HNGHE52	4384	576197	AL133173	29852	1-318
HNGHE52	4384	576197	AC013411	29853	1-5240
HNGHE52	4384	576197	AC073210	29854	1-1735
HNGHE52	4384	576197	AC010539	29855	1-1594
HNGHE52	4384	576197	AC024972	29856	1-560
HNGHE52	4384	576197	AL133173	29857	1-451 459-512
HNGHE52	4384	576197	AC006359	29858	1-557
HNGHE52	4384	576197	AC006359	29859	1-54 62-514
HNGHE52	4384	576197	AL031601	29860	1-477
HNGHE52	4384	576197	AL031601	29861	1-54 62-513
HNGHE52	4384	576197	AF254982	29862	1-54 62-927
HNGHE52	4384	576197	AF254982	29863	1-709 716-1725
HNGHE52	4384	576197	AC006352	29864	1-543 726-1386
HNGHE52	4384	576197	AC006352	29865	1-196 781-1325 1498-1790 2375-2564 3076-3490 3828-4012 4337-4760 4833-5079
HNGHE52	4384	576197	AC002038	29866	1-54 62-929
HNGHE52	4384	576197	AC002038	29867	1-561
HNGHE52	4384	576197	AC002041	29868	1-54 62-513
HNGHE52	4384	576197	AC002041	29869	1-1951
HNGHE52	4384	576197	AC007882	29870	1-54 62-513
HNGHE52	4384	576197	AC007882	29871	1-1951
HNGHE56	4385	577124	AC012192	29872	1-529
HNGHE56	4385	577124	AC012192	29873	1-126
HNGHE62	4386	576202	AC004972	29874	1-229
HNGHE69	4387	753107	AP000024	29875	1-652 654-1352 2382-3621 3809-8579
HNGHE69	4387	753107	AC027456	29876	1-1344
HNGHE69	4387	753107	AC022192	29877	1-1332 2376-3295 3568-8570
HNGHE69	4387	753107	AC027456	29878	1-732
HNGHE69	4387	753107	AC022192	29879	1-560
HNGHE95	4388	779951	AL139406	29880	1-211
HNGHE95	4388	779951	AC012259	29881	1-210
HNGHG15	4389	971736	AC027221	29882	1-424
HNGHG22	4390	577414	AC006544	29883	1-947 998-2640 2711-2853

					2932-3278 3299-3866 3969-4178 4202-5279 5498-7206 7236-7349 7451-7590 7670-7783 7883-8127 8645-8810 8944-9109 9350-9502 9643-10138 11498-11835 14098-14500 16159-16259 20067-20333 22442-22523 23535-23712 24445-24587 25674-26450 27228-27289 27540-27961 28086-28167 28505-28805 28927-29019 29153-29433 29526-30904
HNGHG22	4390	577414	AC005033	29884	1-338
HNGHG22	4390	577414	AC006544	29885	1-116 407-666 1054-1118
HNGHG22	4390	577414	AC006544	29886	1-380
HNGHG22	4390	577414	AC005033	29887	1-166 300-465 706-858 999-1494
HNGHG56	4391	576230	AC007678	29888	1-374
HNGHG71	4393	576218	AL157397	29889	1-374
HNGHG71	4393	576218	AC069549	29890	1-374
HNGHG71	4393	576218	AL157397	29891	1-495
HNGHG71	4393	576218	AC069549	29892	1-495
HNGHK42	4396	582685	AC012547	29893	1-319
HNGHK42	4396	582685	AC025003	29894	1-319
HNGHK42	4396	582685	AC013444	29895	1-319
HNGHK42	4396	582685	AC012547	29896	1-340
HNGHK42	4396	582685	AC025003	29897	1-340
HNGHK42	4396	582685	AC012547	29898	1-829
HNGHK42	4396	582685	AC025003	29899	1-829
HNGHK42	4396	582685	AC013444	29900	1-340
HNGHK42	4396	582685	AC013444	29901	1-829
HNGHK44	4397	576208	AC060828	29902	1-286
HNGHK44	4397	576208	AL359738	29903	1-286
HNGHK44	4397	576208	AL050342	29904	1-286
HNGHK44	4397	576208	AL359738	29905	1-341
HNGHK44	4397	576208	AL050342	29906	1-341
HNGHK46	4398	576205	AC006295	29907	1-314

HNGHK48	4399	576206	AC063918	29908	1-119
HNGHK53	4401	576191	AL034343	29909	1-397
HNGHK53	4401	576191	AL034343	29910	1-165 1352-1468 1901-2298 2586-2739 5035-5401 5912-6020 7071-7227 7561-7695 8281-8508 10346-10770 10842-11019 11404-11532 12308-12460 14415-14560 15534-15678 16791-16896 17216-17510 17657-18001 18063-18150 18617-18688 19374-19490 19972-20752
HNGHK68	4402	576207	AC006120	29911	1-16 634-829 1063-1193 3502-3806
HNGHL10	4404	964814	AP000724	29912	1-398
HNGHL20	4405	973969	AC000067	29913	1-560
HNGHL20	4405	973969	AC000067	29914	1-127
HNGHL52	4408	576226	AC007905	29915	1-316
HNGHL52	4408	576226	AC007905	29916	1-362
HNGHL65	4409	576320	AC005375	29917	1-345
HNGHL65	4409	576320	AC005375	29918	1-405
HNGHL76	4410	506269	AC005953	29919	1-351
HNGHL76	4410	506269	AC005953	29920	1-251
HNGHL77	4411	772283	AC018434	29921	1-432
HNGHL77	4411	772283	AC013827	29922	1-432
HNGHL77	4411	772283	AC013827	29923	1-138
HNGHM33	4412	576741	AL157832	29924	1-260
HNGHM33	4412	576741	AL157832	29925	1-217
HNGHM36	4413	576325	AL159970	29926	1-353
HNGHM36	4413	576325	AL137061	29927	1-353
HNGHM51	4414	713805	AL137164	29928	1-411
HNGHM51	4414	713805	AL137164	29929	1-312
HNGHN22	4415	421742	AL356586	29930	1-445
HNGHN22	4415	421742	AL359458	29931	1-445
HNGHN40	4416	576165	AP001002	29932	1-262
HNGHN40	4416	576165	AC074215	29933	1-262
HNGHN40	4416	576165	AP001002	29934	1-582
HNGHN40	4416	576165	AC074215	29935	1-583
HNGHN42	4417	576111	AC073336	29936	1-253
HNGHN42	4417	576111	AC073336	29937	1-322 334-473
HNGHN56	4419	733881	AP000707	29938	1-433

HNGHN56	4419	733881	AP001317	29939	1-433
HNGHN56	4419	733881	AP001317	29940	1-176
HNGHN56	4419	733881	AP000707	29941	1-176
HNGHN70	4420	576108	AC021877	29942	1-442
HNGHN70	4420	576108	AC055837	29943	1-442
HNGHN70	4420	576108	AC021877	29944	1-100
HNGHN70	4420	576108	AC055837	29945	1-100
HNGHN70	4420	576108	AC021877	29946	1-101
HNGHN70	4420	576108	AC055837	29947	1-101
HNGHN86	4423	785566	AC069259	29948	1-838
HNGHN86	4423	785566	AC020649	29949	1-838
HNGHN86	4423	785566	AC026312	29950	1-838
HNGHN86	4423	785566	AC069259	29951	1-269
HNGHN86	4423	785566	AC020649	29952	1-269
HNGHN86	4423	785566	AC069259	29953	1-395 615-974
HNGHN86	4423	785566	AC020649	29954	1-395 615-974
HNGHN86	4423	785566	AC026312	29955	1-395 615-974
HNGHN86	4423	785566	AC026312	29956	1-269
HNGHN93	4424	506259	AC027497	29957	1-409
HNGHN93	4424	506259	AC027497	29958	1-428
HNGHN94	4425	970856	AC024233	29959	1-410
HNGHO02	4427	920373	AC021340	29960	1-755
HNGHO02	4427	920373	AC023339	29961	1-755
HNGHO02	4427	920373	AC021340	29962	1-393
HNGHO10	4428	964804	AC036158	29963	1-324
HNGHO15	4429	576168	AC073079	29964	1-250
HNGHO26	4430	420281	AC010168	29965	1-298 1617-2161 2548-3008 3202-6174
HNGHO36	4433	576142	AC025536	29966	1-796
HNGHO62	4434	840278	AC011480	29967	1-109 143-592 1458-1607 1682-1969 2448-2949 3520-3815 4082-4740 4776-5045 5263-5612 5641-5771
HNGHO66	4435	576174	AC073357	29968	1-370
HNGHP28	4436	576178	AC009364	29969	1-159 666-991 4907-5011 6969-7198 8367-8665 9133-9546 9704-9904
HNGHP28	4436	576178	AC018643	29970	1-159 666-991 4907-5011 6969-7198

					8367-8665 9133-9546 9704-9904
HNGHP28	4436	576178	AC009364	29971	1-110
HNGHP28	4436	576178	AC018643	29972	1-110
HNGHP66	4437	576136	AC018998	29973	1-281
HNGHP66	4437	576136	AC018998	29974	1-102
HNGHP74	4438	577357	AC021675	29975	1-319
HNGHP74	4438	577357	AC021218	29976	1-319
HNGHP95	4440	577335	AC007028	29977	1-422
HNGHP95	4440	577335	AC004529	29978	1-422
HNGHP95	4440	577335	AC006352	29979	1-422
HNGHP95	4440	577335	AC007028	29980	1-591 4090-4357
HNGHP95	4440	577335	AC004529	29981	1-591 4090-4357
HNGHP95	4440	577335	AC006352	29982	1-591 4078-4345
HNGHQ27	4441	683507	AC027799	29983	1-411
HNGHQ27	4441	683507	AC009683	29984	1-411
HNGHQ43	4442	576262	AC018528	29985	1-429
HNGHQ55	4443	576144	AL035460	29986	1-389
HNGHQ55	4443	576144	AL035460	29987	1-317
HNGHQ72	4444	576105	AC000091	29988	1-519
HNGHQ72	4444	576105	AC000091	29989	1-132 2089-2195 2998-3180
HNGHQ76	4445	770126	AL390764	29990	1-322
HNGHQ76	4445	770126	AL136105	29991	1-322
HNGHQ76	4445	770126	AL390764	29992	1-224
HNGHQ76	4445	770126	AL136105	29993	1-224
HNGHQ96	4446	723008	AC022444	29994	1-972
HNGHQ96	4446	723008	AC022444	29995	1-397
HNGHR04	4447	576196	AC012419	29996	1-442
HNGHR04	4447	576196	AC015971	29997	1-442
HNGHR04	4447	576196	AC012419	29998	1-282
HNGHR04	4447	576196	AC015971	29999	1-282
HNGHR04	4447	576196	AC012419	30000	1-367
HNGHR04	4447	576196	AC015971	30001	1-367
HNGHR79	4448	576199	AC068999	30002	1-298 338-403
HNGHT92	4451	576149	AC011078	30003	1-297 359-416 3247-3653 6083-6236 9753-10036 11128-11233 12148-12514 12635-13141 15604-16463 19071-19190 19476-20232 20321-20638 21200-21594 21959-22219 23120-23362

					23467-24143 24766-24853 25725-26143 26310-26455 27545-30619 30708-31169
HNGHY07	4452	953531	AC025707	30004	1-396
HNGHY07	4452	953531	AC025707	30005	1-211
HNGHY31	4453	577363	AC010909	30006	1-1224 1644-2526
HNGHY78	4455	576139	AL358832	30007	1-322
HNGHZ48	4457	576181	AC006433	30008	1-158
HNGIA19	4459	576269	AC073422	30009	1-840
HNGIA19	4459	576269	AC073422	30010	1-96
HNGIA40	4460	576155	AC023374	30011	1-439
HNGIA40	4460	576155	AC022861	30012	1-439
HNGIA66	4461	678887	AL161617	30013	1-342
HNGIA66	4461	678887	AL161617	30014	1-104
HNGIC67	4463	576177	AC026668	30015	1-299
HNGIC67	4463	576177	AC026668	30016	1-586
HNGID03	4464	921946	AC069348	30017	1-272
HNGID11	4465	967226	AL357122	30018	1-349
HNGID11	4465	967226	AC073830	30019	1-350
HNGID11	4465	967226	AC021762	30020	1-350
HNGID15	4466	660299	AF254982	30021	1-1541 8255-8766 18607-19024 32008-38062
HNGID16	4467	576114	AC026066	30022	1-282
HNGID33	4468	868069	AF006752	30023	1-124
HNGID33	4468	868069	AC005072	30024	1-122
HNGID33	4468	868069	AF006752	30025	1-151
HNGID33	4468	868069	AC005072	30026	1-116
HNGID67	4469	751668	AC024464	30027	1-373
HNGID67	4469	751668	AC020696	30028	1-377
HNGID67	4469	751668	Z68324	30029	1-377
HNGID67	4469	751668	AC020696	30030	1-114
HNGID67	4469	751668	Z68324	30031	1-114
HNGID78	4470	576117	AC074383	30032	1-395
HNGID78	4470	576117	AC011129	30033	1-399
HNGID78	4470	576117	AC074383	30034	1-178
HNGID78	4470	576117	AC074383	30035	1-296
HNGID78	4470	576117	AC011129	30036	1-296
HNGID78	4470	576117	AC011129	30037	1-178
HNGID91	4473	577189	AL356597	30038	1-473
HNGID91	4473	577189	AL356597	30039	1-133
HNGIH02	4474	920362	AC063958	30040	1-430
HNGIH02	4474	920362	AC011397	30041	1-430
HNGIH02	4474	920362	AC063958	30042	1-316
HNGIH02	4474	920362	AC011397	30043	1-320
HNGIH56	4475	576122	AC053481	30044	1-236
HNGIH56	4475	576122	AC027821	30045	1-113
HNGIH56	4475	576122	AC041002	30046	1-124
HNGIH56	4475	576122	AC036181	30047	1-501
HNGIH56	4475	576122	AC023133	30048	1-501
HNGIH56	4475	576122	AC003976	30049	1-504

HNGIH56	4475	576122	AC021317	30050	1-501
HNGIH56	4475	576122	AC036181	30051	1-558
HNGIH56	4475	576122	AC023133	30052	1-558
HNGIH56	4475	576122	AC003976	30053	1-558
HNGIH56	4475	576122	AC021317	30054	1-558
HNGIH94	4476	576123	AC024287	30055	1-284
HNGIH94	4476	576123	AC027418	30056	1-284
HNGIH94	4476	576123	AC027418	30057	1-407
HNGIH94	4476	576123	AC024287	30058	1-407
HNGII16	4477	576154	AC013508	30059	1-91
HNGII74	4480	576158	AC012313	30060	1-842 2866-3260 3464-4145 5098-5540 5814-6022 6214-6256
HNGII74	4480	576158	AC012313	30061	1-1290 4123-4447
HNGII76	4481	576153	AC044890	30062	1-106
HNGII76	4481	576153	AC019029	30063	1-106
HNGII76	4481	576153	AC009311	30064	1-106
HNGII76	4481	576153	AC019029	30065	1-299
HNGII76	4481	576153	AC009311	30066	1-310
HNGII85	4482	576102	AC026254	30067	1-547
HNGII85	4482	576102	AC021976	30068	1-547
HNGII85	4482	576102	AC026254	30069	1-210
HNGII85	4482	576102	AC021976	30070	1-118
HNGIJ01	4483	916748	AC022763	30071	1-376
HNGIJ01	4483	916748	AC078852	30072	1-376
HNGIJ01	4483	916748	AC022763	30073	1-151
HNGIJ01	4483	916748	AC078852	30074	1-131
HNGIJ05	4484	925597	AL079339	30075	1-62 79-356
HNGIJ11	4485	964809	AC062033	30076	1-425
HNGIJ11	4485	964809	AC062033	30077	1-418
HNGIJ59	4486	860526	AC074052	30078	1-312
HNGIJ67	4488	506355	AC010748	30079	1-402
HNGIJ67	4488	506355	AC010748	30080	1-116
HNGIJ96	4489	779901	AL355793	30081	1-449
HNGIJ96	4489	779901	AC078877	30082	1-451
HNGIJ96	4489	779901	AL137218	30083	1-451
HNGIJ96	4489	779901	AC024235	30084	1-1326
HNGIJ96	4489	779901	AC024454	30085	1-451
HNGIJ96	4489	779901	AC027762	30086	1-451
HNGIJ96	4489	779901	AC027471	30087	1-451
HNGIJ96	4489	779901	AC044785	30088	1-451
HNGIJ96	4489	779901	AC024975	30089	1-451
HNGIJ96	4489	779901	AC011881	30090	1-675
HNGIJ96	4489	779901	AL137861	30091	1-679
HNGIJ96	4489	779901	AC024235	30092	1-469
HNGIJ96	4489	779901	AC011881	30093	1-613
HNGIJ96	4489	779901	AC024235	30094	1-420
HNGIJ96	4489	779901	AC011881	30095	1-428
HNGIJ96	4489	779901	AL137861	30096	1-429
HNGIJ96	4489	779901	AL137861	30097	1-606

HNGIK41	4490	712362	AP001809	30098	1-428 480-932 936-1372 1554-1681 4050-4470 4791-5606 5845-6229 7559-8300 8692-8864 9525-10055
HNGIK41	4490	712362	AC019071	30099	1-111 927-1354 1406-1858 1862-2298 2480-2607 4975-5395 5716-6531 6770-7154 8427-9168 9560-9732 10393-10923 11319-11822 12080-12280 12983-13452 15318-16229 16797-18855
HNGIK41	4490	712362	AP001809	30100	1-503
HNGIK77	4492	772230	AL353790	30101	1-669
HNGIK77	4492	772230	AC068709	30102	1-669
HNGIK77	4492	772230	AL353790	30103	1-416
HNGIK77	4492	772230	AC068709	30104	1-416
HNGIL27	4493	839952	AC012609	30105	1-498
HNGIL27	4493	839952	AC026406	30106	1-497
HNGIL27	4493	839952	AC012609	30107	1-276
HNGIL27	4493	839952	AC026406	30108	1-276
HNGIL43	4494	715328	AC073517	30109	1-439
HNGIL43	4494	715328	AC073517	30110	1-98
HNGIM04	4495	615308	AC024445	30111	1-446
HNGIM04	4495	615308	AC024445	30112	1-201
HNGIM46	4496	653221	AC021461	30113	1-456
HNGIM46	4496	653221	AC021461	30114	1-133
HNGIM76	4497	770078	AC005251	30115	1-419
HNGIM76	4497	770078	AC005251	30116	1-110
HNGIM90	4498	788715	AL157770	30117	1-344
HNGIM90	4498	788715	AL157770	30118	1-141
HNGIM92	4499	783495	AC009048	30119	1-633
HNGIM92	4499	783495	AC007226	30120	1-633
HNGIM92	4499	783495	AC010654	30121	1-633
HNGIM92	4499	783495	U95742	30122	1-629
HNGIM92	4499	783495	AC007216	30123	1-629
HNGIM92	4499	783495	AC009048	30124	1-1189
HNGIM92	4499	783495	AC009048	30125	1-129
HNGIM92	4499	783495	AC007226	30126	1-139
HNGIM92	4499	783495	AC010654	30127	1-138
HNGIM92	4499	783495	AC007226	30128	1-1189
HNGIM92	4499	783495	AC010654	30129	1-1188

HNGIM92	4499	783495	U95742	30130	1-138
HNGIM92	4499	783495	U95742	30131	1-1188
HNGIM92	4499	783495	AC007216	30132	1-138
HNGIM92	4499	783495	AC007216	30133	1-1188
HNGIN11	4500	964991	AC023008	30134	1-559
HNGIN18	4501	666515	AC026668	30135	1-445
HNGIN28	4502	860521	AC020601	30136	1-440
HNGIN28	4502	860521	AC016679	30137	1-440
HNGIO15	4503	660320	AC041014	30138	1-311
HNGIO15	4503	660320	AC041014	30139	1-527 947-1997 2040-2175
HNGIP72	4508	575752	AC027446	30140	1-326
HNGIQ43	4510	715324	AC006487	30141	1-406
HNGIQ43	4510	715324	AC006487	30142	1-469 541-702 781-1234 1512-1550 2090-2474
HNGIQ43	4510	715324	AC006487	30143	1-157
HNGIQ48	4511	720944	AC020706	30144	1-432
HNGIQ48	4511	720944	AC020706	30145	1-386 1756-2168
HNGIR92	4514	524799	AC040906	30146	1-466
HNGIR92	4514	524799	AL109842	30147	1-458
HNGIT70	4517	953890	AP000042	30148	1-368
HNGIT70	4517	953890	AP000110	30149	1-368
HNGIT70	4517	953890	AP000186	30150	1-368
HNGIT70	4517	953890	AP000289	30151	1-368
HNGIT70	4517	953890	AP000042	30152	1-107
HNGIT70	4517	953890	AP000110	30153	1-107
HNGIT70	4517	953890	AP000186	30154	1-107
HNGIT70	4517	953890	AP000289	30155	1-107
HNGIU55	4518	576804	AC023671	30156	1-372
HNGIU55	4518	576804	AC023671	30157	1-114
HNGIU55	4518	576804	AC023671	30158	1-309
HNGIV01	4520	913687	AC022510	30159	1-707
HNGIV01	4520	913687	AC068795	30160	1-707
HNGIV01	4520	913687	AC025262	30161	1-707
HNGIV01	4520	913687	AC068795	30162	1-813
HNGIV01	4520	913687	AC022510	30163	1-269
HNGIV01	4520	913687	AC068795	30164	1-269
HNGIV01	4520	913687	AC025262	30165	1-813
HNGIV01	4520	913687	AC025262	30166	1-184
HNGIV24	4521	766775	AC022515	30167	1-352
HNGIV24	4521	766775	AC022515	30168	1-258
HNGIV24	4521	766775	AC022515	30169	1-87 2277-2433 2824-2849
HNGIV81	4522	777970	AC027738	30170	1-715
HNGIV81	4522	777970	AC019187	30171	1-715
HNGIV81	4522	777970	AL049743	30172	1-715
HNGIV81	4522	777970	AC027738	30173	1-108
HNGIV81	4522	777970	AC019187	30174	1-300
HNGIV81	4522	777970	AL049743	30175	1-121
HNGIW73	4524	764456	AC008891	30176	1-135

					154-788 806-861 1113-1181 1509-2136 2210-2270 2289-3247 3441-4183
HNGIW73	4524	764456	AC008891	30177	1-159 283-691 893-1226 1418-2930
HNGIW73	4524	764456	AC008891	30178	1-502
HNGIY56	4527	868065	AC022201	30179	1-374
HNGIY60	4528	740404	AC011018	30180	1-344
HNGIY60	4528	740404	AC041041	30181	1-199
HNGIY60	4528	740404	AC011018	30182	1-438
HNGIY60	4528	740404	AC041041	30183	1-621
HNGIY60	4528	740404	AC011018	30184	1-622
HNGIY60	4528	740404	AC041041	30185	1-432
HNGIY79	4529	775229	Z99714	30186	1-681 872-1110 5628-5862 6527-6890 7072-7126 7298-7377 8382-8527 9085-9174 9201-11617
HNGIY79	4529	775229	Z99714	30187	1-576
HNGIY92	4530	792737	AC011645	30188	1-558
HNGIY92	4530	792737	AL138933	30189	1-559
HNGIY92	4530	792737	AL356488	30190	1-559
HNGIY92	4530	792737	AC011645	30191	1-454 2131-2743 3140-3237 3386-3505 3568-6180
HNGIY92	4530	792737	AL138933	30192	1-454 2131-2743 3139-3236 3385-3504 3567-6178
HNGIY92	4530	792737	AC011645	30193	1-388
HNGIY92	4530	792737	AL138933	30194	1-388
HNGIY92	4530	792737	AL356488	30195	1-454 2131-2743 3139-3236 3385-3504 3567-6178
HNGIY92	4530	792737	AL356488	30196	1-388
HNGIZ36	4531	670962	AC016364	30197	1-395
HNGIZ36	4531	670962	AL355999	30198	1-74 2448-2537 3490-4697 8461-8516 9287-9451 9484-9690

					11087-11161 11285-11703 13017-13111 13622-14610 14846-14904
HNGIZ56	4532	733439	AC032003	30199	1-320
HNGIZ56	4532	733439	AC018651	30200	1-320
HNGIZ56	4532	733439	AL355878	30201	1-320
HNGIZ69	4533	757599	AL161715	30202	1-417
HNGIZ69	4533	757599	AL355984	30203	1-431
HNGIZ69	4533	757599	AL355984	30204	1-331
HNGIZ69	4533	757599	AL161715	30205	1-331
HNGIZ82	4534	668704	AC067896	30206	1-571
HNGIZ82	4534	668704	AC067896	30207	1-355
HNGJA15	4535	787570	AL358338	30208	1-960
HNGJA15	4535	787570	AL110505	30209	1-960
HNGJA18	4536	666512	AF277372	30210	1-298
HNGJA18	4536	666512	AC021240	30211	1-298
HNGJA18	4536	666512	AF277372	30212	1-312
HNGJA18	4536	666512	AC021240	30213	1-312
HNGJB34	4537	936011	AC018962	30214	1-358
HNGJB34	4537	936011	AC018962	30215	1-358
HNGJB34	4537	936011	AC018962	30216	1-444
HNGJB34	4537	936011	AC018962	30217	1-444
HNGJB52	4538	724406	AC013791	30218	1-501
HNGJB52	4538	724406	AC001228	30219	1-501
HNGJB52	4538	724406	AC005950	30220	1-501
HNGJB52	4538	724406	AC013791	30221	1-771 786-925 1013-2668
HNGJB52	4538	724406	AC001228	30222	1-771 786-925 1488-1644 1875-2699
HNGJB52	4538	724406	AC005950	30223	1-771 786-925 1013-1614 1845-2669
HNGJB68	4539	753060	AL022328	30224	1-388
HNGJB68	4539	753060	AL080247	30225	1-398
HNGJC60	4540	723380	AP001623	30226	1-409
HNGJC60	4540	723380	AC015555	30227	1-409
HNGJC60	4540	723380	AP001622	30228	1-409
HNGJC60	4540	723380	AP001623	30229	1-372
HNGJC60	4540	723380	AP001623	30230	1-393
HNGJC60	4540	723380	AC015555	30231	1-393
HNGJC60	4540	723380	AC015555	30232	1-372
HNGJC60	4540	723380	AP001622	30233	1-372
HNGJC60	4540	723380	AP001622	30234	1-393
HNGJC66	4541	786924	AC023889	30235	1-155 938-1036 1414-1545 3044-3157 4710-5012 5423-5768 6246-6285

					6536-6858 7097-7595 7611-7880 8139-8893 9497-11340
HNGJC66	4541	786924	AC026657	30236	1-154 938-1036 1413-1544 3039-3151 4705-5007 5418-5761 6239-6278 6529-6852 7091-7589 7601-7873 8132-8883 9488-10782
HNGJC76	4542	739500	AC005915	30237	1-370
HNGJD15	4543	660312	AL359076	30238	1-216
HNGJD15	4543	660312	AL357872	30239	1-216
HNGJD15	4543	660312	AL357872	30240	1-120
HNGJD15	4543	660312	AL359076	30241	1-120
HNGJD15	4543	660312	AL357872	30242	1-853
HNGJD61	4544	774154	AC024659	30243	1-593
HNGJD61	4544	774154	AC024659	30244	1-264
HNGJD71	4545	760397	AC048358	30245	1-393 634-1031 1094-1174 1783-1822
HNGJD71	4545	760397	AC048358	30246	1-316
HNGJD76	4546	670948	AC009130	30247	1-343
HNGJD76	4546	670948	AC009093	30248	1-343
HNGJD76	4546	670948	AC007615	30249	1-343
HNGJD76	4546	670948	AC009093	30250	1-278
HNGJD76	4546	670948	AC009093	30251	1-441
HNGJD76	4546	670948	AC007615	30252	1-441
HNGJD76	4546	670948	AC007615	30253	1-277
HNGJE16	4547	661976	AC008404	30254	1-527 624-717 1349-1649 1660-1763 2131-2562 2788-3233 3389-4554 4586-5269 5367-5443 5867-6020 6141-6661 7140-7540 7702-7818 7933-8004 8106-8695 8965-9097 9288-9458 10312-11806 11899-13310
HNGJE16	4547	661976	AC008542	30255	1-48

					1154-1445 1683-3984 4041-4319 4385-4493 4533-4701 4797-4890 5522-5822 5833-5936 6304-6735 6961-7406 7562-8727 8759-9442 9540-9616 10040-10193 10314-10834 11313-11712 11874-11990 12105-12176 12278-12867 13136-13268 13459-13629 14483-15977 16070-17481
HNGJE16	4547	661976	AC023788	30256	1-2305 2362-3013 3109-3202 3850-4113 4145-4248 4390-4663 4889-5334 5490-6656 6688-7371 7469-7545 7969-8122
HNGJE16	4547	661976	AC008542	30257	1-1729 1897-2263 3022-3481 3523-3624 3740-4086 4207-5019 5503-5655
HNGJE16	4547	661976	AC008404	30258	1-1729 1897-2263 3021-3479 3521-3622
HNGJE16	4547	661976	AC023788	30259	1-520
HNGJE16	4547	661976	AC023788	30260	1-290
HNGJE33	4548	795219	AC023266	30261	1-433
HNGJE33	4548	795219	AC023266	30262	1-445
HNGJE56	4550	669732	AC024610	30263	1-427
HNGJF26	4551	666504	AL096853	30264	1-377
HNGJF73	4553	683440	AC034282	30265	1-409
HNGJF73	4553	683440	AC017091	30266	1-409
HNGJF73	4553	683440	AC034282	30267	1-248
HNGJF73	4553	683440	AC017091	30268	1-181
HNGJG15	4555	660308	AL357521	30269	1-391
HNGJG72	4557	970797	AL356004	30270	1-395

HNGJG72	4557	970797	AL365221	30271	1-395
HNGJG72	4557	970797	AC022965	30272	1-395
HNGJG72	4557	970797	AL356004	30273	1-101
HNGJG72	4557	970797	AL365221	30274	1-102
HNGJG72	4557	970797	AL356004	30275	1-562 708-1495 1630-2126
HNGJG72	4557	970797	AC022965	30276	1-101
HNGJG72	4557	970797	AC022965	30277	1-564 710-1497 1632-2133
HNGJG89	4558	778294	AC013549	30278	1-408
HNGJG89	4558	778294	AC013549	30279	1-296
HNGJG89	4558	778294	AC013549	30280	1-316
HNGJH11	4560	860350	AC020917	30281	1-441
HNGJH11	4560	860350	AC020917	30282	1-287
HNGJH35	4561	952237	AL353142	30283	1-644
HNGJH96	4563	953648	AC007448	30284	1-249
HNGJH96	4563	953648	AC007448	30285	1-130
HNGJI29	4564	690667	AC005058	30286	1-487
HNGJI29	4564	690667	AC005058	30287	1-423
HNGJI35	4565	707328	AC007557	30288	1-381
HNGJI35	4565	707328	AC007557	30289	1-160
HNGJI42	4566	465160	AC021144	30290	1-410
HNGJI42	4566	465160	AP001854	30291	1-410
HNGJI71	4568	760393	AC007337	30292	1-366
HNGJI71	4568	760393	AC009039	30293	1-366
HNGJI71	4568	760393	AC007489	30294	1-366
HNGJI77	4569	772215	AC040895	30295	1-306
HNGJI83	4570	781213	AL022721	30296	1-408
HNGJI83	4570	781213	AL033519	30297	1-408
HNGJI83	4570	781213	AL022721	30298	1-87
HNGJI83	4570	781213	AL033519	30299	1-87
HNGJJ22	4571	597096	AL135841	30300	1-105 694-2227
HNGJJ22	4571	597096	AL135841	30301	1-1338
HNGJJ51	4572	725702	AC053517	30302	1-132
HNGJJ51	4572	725702	AC053517	30303	1-114
HNGJJ51	4572	725702	AC053517	30304	1-116
HNGJK04	4573	615288	AC002365	30305	1-401
HNGJK04	4573	615288	AC002365	30306	1-232
HNGJK06	4574	935548	AC008155	30307	1-304
HNGJK12	4575	970686	AC004856	30308	1-429
HNGJK12	4575	970686	AC004856	30309	1-133
HNGJK29	4577	663954	AC016328	30310	1-179
HNGJK29	4577	663954	AL355883	30311	1-179
HNGJK29	4577	663954	AC019268	30312	1-179
HNGJK42	4578	713810	AC044891	30313	1-137
HNGJK50	4579	860196	AL357622	30314	1-460
HNGJK50	4579	860196	AC025216	30315	1-460
HNGJK50	4579	860196	AL137784	30316	1-460
HNGJK50	4579	860196	AL357622	30317	1-677
HNGJK50	4579	860196	AC025216	30318	1-677
HNGJK50	4579	860196	AL137784	30319	1-677
HNGJK54	4580	730713	AC011139	30320	1-239

HNGJK54	4580	730713	AP001640	30321	1-239
HNGJK71	4582	739323	AL035106	30322	1-366
HNGJK71	4582	739323	AL035106	30323	1-1244
HNGJK77	4583	732737	AC004820	30324	1-641
HNGJK77	4583	732737	AC006084	30325	1-641
HNGJK77	4583	732737	AC011435	30326	1-641
HNGJK77	4583	732737	AC004820	30327	1-307
HNGJK77	4583	732737	AC006084	30328	1-307
HNGJK77	4583	732737	AC011435	30329	1-307
HNGJK89	4584	772218	AC064798	30330	1-347
HNGJK89	4584	772218	AC027159	30331	1-376
HNGJK89	4584	772218	AC023100	30332	1-376
HNGJK89	4584	772218	Z98747	30333	1-376
HNGJL16	4585	661977	AC026291	30334	1-366
HNGJL16	4585	661977	AC010378	30335	1-366
HNGJL16	4585	661977	AC026291	30336	1-664
HNGJL16	4585	661977	AC026291	30337	1-88
HNGJL16	4585	661977	AC010378	30338	1-664
HNGJL16	4585	661977	AC010378	30339	1-88
HNGJL26	4586	681819	AL139150	30340	1-366
HNGJL26	4586	681819	AL139150	30341	1-117
HNGJL27	4587	725295	AP002840	30342	1-102 1010-1888 2064-2785
HNGJL27	4587	725295	AC009466	30343	1-94 1419-1520 2428-3306 3482-4203
HNGJL27	4587	725295	AP000880	30344	1-94 1419-1520 2428-3306 3482-4203
HNGJL27	4587	725295	AC009466	30345	1-998
HNGJL27	4587	725295	AP002840	30346	1-368
HNGJL27	4587	725295	AP000880	30347	1-368
HNGJL27	4587	725295	AC009466	30348	1-368
HNGJL27	4587	725295	AP000880	30349	1-996
HNGJL60	4588	462981	AC073674	30350	1-438
HNGJM20	4591	964800	AC004672	30351	1-446
HNGJM20	4591	964800	AC004672	30352	1-210
HNGJM35	4592	707324	AC016135	30353	1-186
HNGJM35	4592	707324	AC011330	30354	1-186
HNGJM35	4592	707324	AC016164	30355	1-186
HNGJM35	4592	707324	AC011330	30356	1-186
HNGJM35	4592	707324	AC011330	30357	1-205 508-851 945-1159 1610-1703
HNGJM35	4592	707324	AC011330	30358	1-465
HNGJM35	4592	707324	AC016164	30359	1-105
HNGJM35	4592	707324	AC016164	30360	1-205 508-851 945-1159 1611-1704
HNGJM35	4592	707324	AC011330	30361	1-205 508-851

					945-1159 1610-1703
HNGJM35	4592	707324	AC011330	30362	1-465
HNGJM82	4593	967328	AL354718	30363	1-2378 2380-4129 4238-5197
HNGJM82	4593	967328	AL354718	30364	1-275
HNGJM82	4593	967328	AL354718	30365	1-404
HNGJO10	4594	964678	AC013264	30366	1-401 1088-1739
HNGJO10	4594	964678	AC074092	30367	1-400 1087-1739
HNGJO73	4597	668997	AL355998	30368	1-991
HNGJO73	4597	668997	AL357835	30369	1-991
HNGJO73	4597	668997	AL355998	30370	1-215
HNGJO73	4597	668997	AL355998	30371	1-410
HNGJO73	4597	668997	AL357835	30372	1-410
HNGJO73	4597	668997	AL357835	30373	1-215
HNGJP03	4598	860363	AC023452	30374	1-398
HNGJP03	4598	860363	AC006019	30375	1-427
HNGJP03	4598	860363	AC006019	30376	1-298
HNGJP10	4599	964668	AL138878	30377	1-639
HNGJP10	4599	964668	AL133543	30378	1-639
HNGJP10	4599	964668	AL390025	30379	1-639
HNGJP80	4600	766278	AC073039	30380	1-417
HNGJP80	4600	766278	AC006571	30381	1-598
HNGJQ14	4601	881542	AC008552	30382	1-616
HNGJQ14	4601	881542	AC008385	30383	1-616
HNGJQ23	4602	789764	AC055869	30384	1-490
HNGJQ23	4602	789764	AC068973	30385	1-490
HNGJQ23	4602	789764	AC034111	30386	1-490
HNGJR01	4605	916555	AC040991	30387	1-110
HNGJR01	4605	916555	AC026771	30388	1-124 1552-1655 2179-2383 3103-3213 3690-4307 4334-4448 4826-5666
HNGJR01	4605	916555	AC026771	30389	1-131
HNGJS24	4606	677235	AL365399	30390	1-103 956-1316 1322-1367
HNGJS24	4606	677235	AC022983	30391	1-105 958-1318 1323-1422 1445-1615 2096-2686 4254-4348 4913-5114 6514-7746
HNGJS24	4606	677235	AL139423	30392	1-105 958-1318 1323-1422 1445-1615 2096-2686

					4254-4348 4913-5114 6514-7746
HNGJS24	4606	677235	AL365399	30393	1-171
HNGJS24	4606	677235	AC022983	30394	1-431
HNGJS24	4606	677235	AC022983	30395	1-282
HNGJS24	4606	677235	AL139423	30396	1-282
HNGJS24	4606	677235	AL139423	30397	1-431
HNGJS45	4607	720746	AL022147	30398	1-150
HNGJS53	4608	728258	AC073152	30399	1-162
HNGJS53	4608	728258	AC020814	30400	1-350
HNGJT36	4611	888329	AL138692	30401	1-416
HNGJT36	4611	888329	AC002483	30402	1-416
HNGJT36	4611	888329	AL138692	30403	1-843
HNGJT36	4611	888329	AC002483	30404	1-843
HNGJT95	4614	953418	AC012139	30405	1-190 1617-2056 2665-2785
HNGJT95	4614	953418	AC068672	30406	1-440
HNGJU36	4615	708122	AL359496	30407	1-651
HNGJU36	4615	708122	AC073186	30408	1-622
HNGJU36	4615	708122	AC008443	30409	1-620
HNGJU36	4615	708122	AF198096	30410	1-616
HNGJU36	4615	708122	AC005627	30411	1-659
HNGJU36	4615	708122	AL133216	30412	1-138 734-1117 1716-2301 2496-3003 3142-3588 5476-6185 6679-7322 7428-7952 8163-8628 9071-9154 9380-9538 10422-10640 10673-10765 10780-10828 11018-11735 12735-13548 13651-14193 14663-14949 15056-15454 17688-18060 19315-19659
HNGJU36	4615	708122	AC073135	30413	1-622
HNGJU36	4615	708122	AC073186	30414	1-525
HNGJU36	4615	708122	AL359496	30415	1-92 729-1112 1866-2304 2498-3006 3145-3591 4683-5103 5604-6165
HNGJU36	4615	708122	AC073186	30416	1-92 727-1110 1864-2299

					2493-3001 3140-3586 4676-5096 5597-6159
HNGJU36	4615	708122	AC008443	30417	1-561
HNGJU36	4615	708122	AC008443	30418	1-525
HNGJU36	4615	708122	AF198096	30419	1-525
HNGJU36	4615	708122	AC005627	30420	1-525
HNGJU36	4615	708122	AF198096	30421	1-92 741-1124 1878-2312 2506-3014 3153-3599 4688-5108 5609-6167
HNGJU36	4615	708122	AC005627	30422	1-192 266-1390 1407-1476 1643-1739 2294-2654 3030-3306 3908-4291 4890-5478 5671-6176 6315-6761 7848-8267 8852-9324
HNGJU36	4615	708122	AL133216	30423	1-306 1488-1890 2450-2722 3082-3400 3526-4081 4304-5314
HNGJU36	4615	708122	AL133216	30424	1-181 359-1366 1383-1452 2270-2630 3002-3133
HNGJU36	4615	708122	AC073135	30425	1-92 723-1106 1753-2296 2490-2998 3137-3583 4673-5093 5599-6164
HNGJU36	4615	708122	AC073135	30426	1-525
HNGJU50	4616	724416	AC021979	30427	1-399
HNGJU50	4616	724416	AC021979	30428	1-315
HNGJU50	4616	724416	AC021979	30429	1-283
HNGJU78	4618	860347	AL353668	30430	1-600
HNGJU78	4618	860347	AC019167	30431	1-608
HNGJU78	4618	860347	AL353668	30432	1-604
HNGJU78	4618	860347	AL353668	30433	1-490
HNGJU78	4618	860347	AC019167	30434	1-604
HNGJU78	4618	860347	AC019167	30435	1-490
HNGJV04	4619	615283	AC005103	30436	1-226
HNGJV04	4619	615283	AC005103	30437	1-214

HNGJV10	4620	964672	AC018685	30438	1-416
HNGJV10	4620	964672	AC018685	30439	1-422
HNGJV91	4621	790213	AC020904	30440	1-29 3138-3446 4239-4511 5944-6085 6320-6423 7622-7878 8401-9192 11431-11461 16054-17185
HNGJV91	4621	790213	AC020904	30441	1-371
HNGKB11	4623	966119	AL357893	30442	1-559
HNGKB11	4623	966119	AC015497	30443	1-559
HNGKB25	4624	944424	AC021120	30444	1-55 1379-1470 1942-2381 2627-2824 3293-3926 4008-4151 7382-7499 7567-7961 8155-8916 11241-11475 12960-13210 13553-14104 14134-14413 15319-15656 17061-17192 18539-18609 18925-19544 19920-20093 21634-22076 22102-22651 22700-23802
HNGKB25	4624	944424	AC021120	30445	1-397
HNGKB25	4624	944424	AC021120	30446	1-674
HNGKB78	4625	971110	AC021858	30447	1-883
HNGKB93	4626	791760	AF189001	30448	1-291
HNGKB93	4626	791760	AF189001	30449	1-309 1896-2173
HNGKD55	4627	860343	AL390816	30450	1-568
HNGKE05	4629	860320	AC022983	30451	1-546
HNGKE05	4629	860320	AL157717	30452	1-547
HNGKE05	4629	860320	AL031984	30453	1-547
HNGKE05	4629	860320	AL157717	30454	1-102
HNGKE05	4629	860320	AL031984	30455	1-102
HNGKE07	4630	952221	AC023016	30456	1-1877
HNGKE07	4630	952221	AC012441	30457	1-342
HNGKE07	4630	952221	AC023016	30458	1-509 534-1596
HNGKE07	4630	952221	AC023016	30459	1-1040
HNGKE07	4630	952221	AC025796	30460	1-342
HNGKE07	4630	952221	AC012441	30461	1-620
HNGKE07	4630	952221	AC023016	30462	1-455
HNGKE07	4630	952221	AC023016	30463	1-603

HNGKE73	4632	860312	AL139160	30464	1-672
HNGKE73	4632	860312	AL354919	30465	1-672
HNGKE73	4632	860312	AL354919	30466	1-159
HNGKE89	4633	786257	AL390022	30467	1-562
HNGKE89	4633	786257	AC027160	30468	1-562
HNGKE89	4633	786257	AL139228	30469	1-562
HNGKE89	4633	786257	AL035553	30470	1-562
HNGKE91	4634	789685	AC073930	30471	1-936
HNGKE91	4634	789685	AC004263	30472	1-936
HNGKE91	4634	789685	AC004263	30473	1-230
HNGKE93	4635	791623	AC022167	30474	1-465
HNGKE93	4635	791623	AC012173	30475	1-465
HNGKE93	4635	791623	AC022167	30476	1-681
HNGKE93	4635	791623	AC012173	30477	1-679
HNGKE93	4635	791623	AC022167	30478	1-181
HNGKE93	4635	791623	AC012173	30479	1-181
HNGKF01	4636	915247	AC025405	30480	1-283
HNGKF01	4636	915247	AL354740	30481	1-283
HNGKF01	4636	915247	AC025405	30482	1-353
HNGKF01	4636	915247	AL354740	30483	1-491 660-771 1057-1487 2349-2488 2602-2642
HNGKF01	4636	915247	AC025405	30484	1-491 660-771 1057-1487 2349-2488 2602-2642
HNGKF01	4636	915247	AL354740	30485	1-353
HNGKG43	4639	958487	AL358977	30486	1-833
HNGKG61	4640	860317	AL356279	30487	1-421
HNGKG61	4640	860317	AL160007	30488	1-421
HNGKI30	4642	860205	AC008676	30489	1-1950 2208-2454 2547-2631 3753-4034 4229-4350 5049-5167 5276-5355 6416-6622 8091-8569 9379-11076 13016-13107 13430-13793 16245-16424
HNGKI30	4642	860205	AC008676	30490	1-445
HNGKI30	4642	860205	AC008676	30491	1-328
HNGKI36	4643	784854	AC012457	30492	1-618
HNGKI36	4643	784854	AC012457	30493	1-96 839-912 1795-1964 3003-3117 3996-4048 4417-4490
HNGKI90	4644	787378	AC009774	30494	1-238

HNGKI90	4644	787378	AC009774	30495	1-603
HNGKK35	4649	806051	AC002993	30496	1-296
HNGKK35	4649	806051	AC011189	30497	1-296
HNGKK35	4649	806051	AC005940	30498	1-296
HNGKK35	4649	806051	AC002993	30499	1-87
HNGKK35	4649	806051	AC011189	30500	1-87
HNGKK35	4649	806051	AC005940	30501	1-87
HNGKO11	4650	966093	AP000936	30502	1-327
HNGKO11	4650	966093	AC016669	30503	1-325
HNGKO11	4650	966093	AP000936	30504	1-124
HNGKO11	4650	966093	AP000936	30505	1-280
HNGKO11	4650	966093	AC016669	30506	1-280
HNGKO11	4650	966093	AC016669	30507	1-124
HNGKP29	4651	860305	AC024021	30508	1-299
HNGKS06	4652	974356	AC073099	30509	1-569
HNGKS06	4652	974356	AC073099	30510	1-130
HNGKS06	4652	974356	AC073099	30511	1-435
HNGKT69	4654	860302	AL133473	30512	1-723
HNGKU04	4655	926948	AC078943	30513	1-444
HNGKU04	4655	926948	AC009299	30514	1-449
HNGKU04	4655	926948	AC078943	30515	1-211 227-480
HNGKU04	4655	926948	AC078943	30516	1-860
HNGKU04	4655	926948	AC009299	30517	1-1464 2358-2673 4754-5845
HNGKV01	4656	915218	AC023065	30518	1-278
HNGKV01	4656	915218	AL158835	30519	1-278
HNGKV01	4656	915218	AC023065	30520	1-349
HNGKV01	4656	915218	AL158835	30521	1-349
HNGLA54	4657	860206	AL139352	30522	1-313
HNGLA54	4657	860206	AL139352	30523	1-152
HNGLC01	4658	915288	AL390760	30524	1-548
HNGLC46	4659	775300	AC016986	30525	1-343
HNGLC46	4659	775300	AC016986	30526	1-283
HNGLC46	4659	775300	AC016986	30527	1-6036
HNGLE25	4661	860260	AC008264	30528	1-731
HNGLE25	4661	860260	AC008264	30529	1-284
HNGLE25	4661	860260	AC008264	30530	1-285
HNGLE52	4662	835972	AL049691	30531	1-728
HNGLE52	4662	835972	AL049691	30532	1-88
HNGLE74	4663	860263	AC025130	30533	1-722
HNGLE74	4663	860263	AC025130	30534	1-319
HNGLE74	4663	860263	AC025130	30535	1-477
HNGLG06	4666	839088	AC025283	30536	1-780
HNGLG06	4666	839088	AC017075	30537	1-405
HNGLG06	4666	839088	AC017075	30538	1-720
HNGLH82	4668	954140	AC074219	30539	1-243
HNGLH82	4668	954140	AC020850	30540	1-575
HNGLH82	4668	954140	AC016527	30541	1-163
HNGLJ04	4669	954943	AC024988	30542	1-622
HNGLJ04	4669	954943	AL360175	30543	1-622
HNGLJ04	4669	954943	AL132799	30544	1-622
HNGLJ20	4670	806045	AC025931	30545	1-173
HNGLJ20	4670	806045	AC025931	30546	1-249

HNGLK65	4672	795280	AL034431	30547	1-505
HNGLL03	4674	923028	AC009689	30548	1-422
HNGLL03	4674	923028	AC010673	30549	1-422
HNGLL03	4674	923028	AC009689	30550	1-715
HNGLL03	4674	923028	AC010673	30551	1-715
HNGLL11	4675	966105	AC007741	30552	1-439
HNGLL11	4675	966105	AC007741	30553	1-84
HNGLL31	4677	789193	AL138996	30554	1-418
HNGLL31	4677	789193	AL138996	30555	1-527
HNGLL67	4679	860253	AC018779	30556	1-418
HNGLL67	4679	860253	AL136300	30557	1-418
HNGLL67	4679	860253	AC018779	30558	1-414
HNGLL67	4679	860253	AC018779	30559	1-100
HNGLL67	4679	860253	AL136300	30560	1-414
HNGLM06	4681	919222	AC025047	30561	1-139
HNGLM06	4681	919222	AC055812	30562	1-678
HNGLM06	4681	919222	AC055812	30563	1-139
HNGLM06	4681	919222	AC021453	30564	1-677
HNGLM06	4681	919222	AC021453	30565	1-1671
HNGLM06	4681	919222	AC021453	30566	1-613
HNGLO10	4682	963504	AL160270	30567	1-406
HNGLO10	4682	963504	AL162424	30568	1-406
HNGLO10	4682	963504	AL160270	30569	1-407
HNGLO10	4682	963504	AL162424	30570	1-146
HNGLO70	4683	779223	AC055713	30571	1-496
HNGLO70	4683	779223	AC055713	30572	1-1264
HNGLO86	4685	780484	AL158049	30573	1-151 1153-1252 1334-3571 3903-4228 4427-4609 5032-5416 5451-7180
HNGLR39	4687	835586	AC007720	30574	1-1087
HNGLR39	4687	835586	AC007720	30575	1-344
HNGLR91	4688	789707	AL357934	30576	1-603
HNGLR91	4688	789707	AC002103	30577	1-600
HNGLR91	4688	789707	AC000401	30578	1-600
HNGLS86	4689	784860	AC012022	30579	1-641
HNGLS86	4689	784860	AC012022	30580	1-298
HNGLT67	4690	958777	AC016825	30581	1-132 197-846 1038-1160 3036-3205 3255-3378 4883-4996 5536-5942 6340-6890 7494-7858 8017-8791 9264-9435 10028-10149
HNGLT67	4690	958777	AC016825	30582	1-286
HNGLX63	4691	934371	AC004818	30583	1-625
HNGLX63	4691	934371	AC004818	30584	1-153
HNGMA01	4692	915306	AC078853	30585	1-140

HNGMA01	4692	915306	AC078853	30586	1-277
HNGMB26	4694	860166	AC007616	30587	1-603
HNGMB26	4694	860166	AC007616	30588	1-48 1070-1420
HNGMB33	4695	773752	AC031984	30589	1-359
HNGMB33	4695	773752	AC031984	30590	1-369
HNGMB33	4695	773752	AC031984	30591	1-241
HNGMC51	4696	860243	AC010219	30592	1-1379
HNGMC51	4696	860243	AC018760	30593	1-1379
HNGMC51	4696	860243	AC018760	30594	1-212
HNGMC51	4696	860243	AC010219	30595	1-212
HNGMD03	4697	923041	AC020736	30596	1-604
HNGMD04	4698	927026	AC027193	30597	1-539
HNGMD04	4698	927026	AC067842	30598	1-539
HNGMD04	4698	927026	AC067842	30599	1-3401
HNGMD04	4698	927026	AC027193	30600	1-3401
HNGME93	4699	793483	AC008119	30601	1-1831 2758-2873 3423-4081 4189-4809 5097-6823
HNGME93	4699	793483	AC008119	30602	1-543
HNGME93	4699	793483	AC008119	30603	1-450
HNGMF04	4700	860242	AC006566	30604	1-715
HNGMF04	4700	860242	AC006566	30605	1-373
HNGMF11	4701	966114	AC022916	30606	1-290
HNGMF11	4701	966114	AC022916	30607	1-362
HNGMF79	4703	772974	AC012181	30608	1-724
HNGMF79	4703	772974	AC012181	30609	1-409 1067-1895
HNGMF94	4704	966091	AC005289	30610	1-596
HNGMG06	4705	934318	AC007163	30611	1-393
HNGMG06	4705	934318	AC007163	30612	1-519
HNGMG08	4706	958361	AL355862	30613	1-392
HNGMG08	4706	958361	AL355862	30614	1-300
HNGMH80	4707	775503	AL358333	30615	1-550
HNGMH93	4708	791725	AC004147	30616	1-437
HNGMJ04	4709	923011	AC018893	30617	1-213
HNGMJ89	4710	786340	AC011443	30618	1-566
HNGMJ89	4710	786340	AC011443	30619	1-64 151-198 1115-1214 1417-1483 2295-2437 2569-2613 3052-3352 3471-3834 4185-4727 4775-5443 5806-6202
HNGML07	4711	952224	AC021675	30620	1-668
HNGML07	4711	952224	AC078834	30621	1-668
HNGML07	4711	952224	AC002484	30622	1-668
HNGML07	4711	952224	AC021675	30623	1-385
HNGML07	4711	952224	AC078834	30624	1-385
HNGML07	4711	952224	AC002484	30625	1-385

HNGML53	4712	860240	AC010932	30626	1-664
HNGML53	4712	860240	AL133510	30627	1-664
HNGML53	4712	860240	AC010932	30628	1-408
HNGML53	4712	860240	AL133510	30629	1-407
HNGMM51	4713	860201	AC007787	30630	1-491
HNGMM51	4713	860201	AC007787	30631	1-563
HNGMM87	4715	806036	Z82199	30632	1-1302 1437-2511
HNGMM87	4715	806036	AC020850	30633	1-701
HNGMV73	4716	806000	AL162722	30634	1-100 162-901 1164-1581 2994-3098 3596-4121 5414-5487 6247-6618 7955-8575
HNGMV73	4716	806000	AC074116	30635	1-70 568-1093 2386-2459
HNGMV73	4716	806000	AC074116	30636	1-372
HNGMV73	4716	806000	AL162722	30637	1-294
HNGMW52	4717	860231	AC068491	30638	1-485
HNGMX80	4719	786255	AL357835	30639	1-1782
HNGMX80	4719	786255	AC023251	30640	1-1782
HNGMX80	4719	786255	AL355998	30641	1-1782
HNGMX80	4719	786255	AL357835	30642	1-513
HNGMX80	4719	786255	AC023251	30643	1-410
HNGMX80	4719	786255	AL355998	30644	1-410
HNGMX80	4719	786255	AL357835	30645	1-410
HNGMX80	4719	786255	AC023251	30646	1-513
HNGMX87	4720	835612	AP000934	30647	1-152 373-578 2132-2392 2465-2542 2626-4191
HNGMX87	4720	835612	AP000934	30648	1-395
HNGMX91	4721	789680	Z69714	30649	1-336
HNGNA23	4722	779201	AC040940	30650	1-287
HNGNA23	4722	779201	AC010191	30651	1-287
HNGNA23	4722	779201	AC010191	30652	1-1049 1068-3436
HNGNB01	4723	915258	AL160253	30653	1-234
HNGNB01	4723	915258	AL160253	30654	1-282
HNGNE65	4724	963425	AL158133	30655	1-604
HNGNE65	4724	963425	AP000780	30656	1-604
HNGNE65	4724	963425	AC055890	30657	1-597
HNGNE65	4724	963425	AL121750	30658	1-604
HNGNE65	4724	963425	AP000780	30659	1-90
HNGNE65	4724	963425	AL158133	30660	1-90
HNGNE65	4724	963425	AC055890	30661	1-90
HNGNE65	4724	963425	AL121750	30662	1-90
HNGNF40	4725	861967	AC022098	30663	1-820
HNGNF40	4725	861967	AC022098	30664	1-402
HNGNF40	4725	861967	AC022098	30665	1-224
HNGNG37	4726	847818	AC012224	30666	1-850

HNGNH03	4727	922831	AC026454	30667	1-495 605-706 782-850 945-1409 1740-2527 2622-3136 3430-3798
HNGNH03	4727	922831	U91326	30668	1-658 768-869 945-1013 1108-1571 1902-2689 2782-3296 3590-3959 4634-4917 6246-6607 7665-7748 8537-8766 8988-9182 9294-9660 10046-10377 10773-10874 11002-11133 11322-11464 12235-12346 12465-12622 13265-14288 15550-15665 16692-17183 18652-18756 20359-20487 20863-20976 21102-21160 21347-21474 21690-21886 22025-22099 24005-24329
HNGNH03	4727	922831	AC026454	30669	1-284
HNGNH03	4727	922831	U91326	30670	1-172
HNGNI04	4728	926985	AC000404	30671	1-234 542-1029 1314-1472 1668-1715 1892-2022 2213-2244 2315-2747 3167-3958 5544-5608 6259-6297 6766-6909 10531-10700 14213-14315 14941-15120 15351-15743 16077-16281 16284-16333 18548-18663

HNGNI04	4728	926985	AC000404	30672	1-821
HNGNI52	4729	781913	AC040173	30673	1-841
HNGNI94	4731	893899	AC012676	30674	1-406
HNGNI94	4731	893899	AC005356	30675	1-405
HNGNI94	4731	893899	AC012676	30676	1-416
HNGNI94	4731	893899	AC005356	30677	1-416
HNGNM24	4732	841902	AC012057	30678	1-287
HNGNM24	4732	841902	AC027105	30679	1-308
HNGNM24	4732	841902	AP001929	30680	1-301
HNGNM24	4732	841902	AP001992	30681	1-301
HNGNM24	4732	841902	AC006512	30682	1-658 3090-3543 4479-5105 5885-6846 7103-9707 9914-10293 11523-12034 12067-12181 13769-14031 14199-14291 14584-14790 15123-15154 17039-17482 17539-17987 18697-19052 19112-19380 20023-20268 21158-21598 21817-22221 23565-23665 23906-24076 24981-25506 25510-25861 25981-26645 26661-27449 27717-27812 27991-28024 28437-28888 29651-33442 33621-34089 34245-34808 34819-35284 35854-35960 38525-38771
HNGNM24	4732	841902	AF067844	30683	1-1881 2792-3228 3256-3515 3925-4611
HNGNM24	4732	841902	AC006512	30684	1-315 439-531 707-1080 1144-1227 1491-1845 2113-2321 2700-3556 3818-4307 4336-4813

					4958-5775
HNGNM24	4732	841902	AC006512	30685	1-738
HNGNM24	4732	841902	AF067844	30686	1-583
HNGNM24	4732	841902	AF067844	30687	1-169
HNGNO03	4733	860155	AC018999	30688	1-446
HNGNR04	4734	926870	AC024026	30689	1-737
HNGNR04	4734	926870	AC069353	30690	1-738
HNGNR04	4734	926870	AC024026	30691	1-355
HNGNR04	4734	926870	AC069353	30692	1-355
HNGNS90	4737	787388	AP001146	30693	1-189 1047-1265 1320-1828 2283-2383
HNGNS90	4737	787388	AC016380	30694	1-189 1047-1265 1320-1828 2280-2383 3678-3822 5053-5124
HNGNS90	4737	787388	AL390755	30695	1-1495 3372-3561 3790-4106 6326-6445 6810-6965 10121-10653 11169-11519 12232-12416 13271-13489 13544-14052 14504-14607 15902-16046 17273-17348 18199-18273 18878-19356 19495-19878 20671-20807 21588-21777 23761-23815 24941-25043 25487-25571 25666-25798 26260-26402 26949-27188 27469-27557 27667-27769 27927-28082 28887-28977 29105-29287 29965-30077 30312-30466 32335-32434 34034-34142 34229-34320 35108-35499 37426-37596 38180-38372 41901-42540

					43075-43480 43871-43958 46068-46158 49288-49678 51901-51935
HNGNS90	4737	787388	AC016380	30696	1-351
HNGNS90	4737	787388	AP001146	30697	1-336
HNGNV80	4738	908167	AC012325	30698	1-640
HNGNW04	4739	860199	AP002357	30699	1-170
HNGNW04	4739	860199	AC018494	30700	1-78 291-692 1187-1649 2264-2848 3270-3536 3849-3891
HNGNW04	4739	860199	AC018494	30701	1-510
HNGNW85	4740	783747	AC009966	30702	1-453
HNGNW85	4740	783747	Z83846	30703	1-453
HNGNW85	4740	783747	Z83846	30704	1-287
HNGNX37	4741	806018	AC004549	30705	1-699
HNGNX65	4742	806042	AC021869	30706	1-719
HNGNX65	4742	806042	AC007376	30707	1-719
HNGNX65	4742	806042	AC008050	30708	1-719
HNGNZ01	4743	860158	AC013693	30709	1-215
HNGNZ01	4743	860158	AC013693	30710	1-466
HNGNZ38	4744	790926	AC002991	30711	1-1023
HNGNZ38	4744	790926	AC005527	30712	1-1023
HNGNZ38	4744	790926	AC005529	30713	1-1023
HNGNZ38	4744	790926	AC000025	30714	1-1023
HNGNZ38	4744	790926	AC002991	30715	1-434
HNGNZ38	4744	790926	AC002991	30716	1-257
HNGNZ38	4744	790926	AC005527	30717	1-435
HNGNZ38	4744	790926	AC005529	30718	1-434
HNGNZ38	4744	790926	AC005527	30719	1-94 968-1014 1212-1258
HNGNZ38	4744	790926	AC005529	30720	1-94 969-1015 1213-1259
HNGNZ38	4744	790926	AC000025	30721	1-435
HNGOA11	4746	966082	AC069390	30722	1-526
HNGOA11	4746	966082	AC027192	30723	1-526
HNGOA11	4746	966082	AC069390	30724	1-596
HNGOA11	4746	966082	AC027192	30725	1-549
HNGOA11	4746	966082	AC027192	30726	1-596
HNGOA82	4747	779154	AC027148	30727	1-373
HNGOA82	4747	779154	AC027148	30728	1-268
HNGOD68	4749	790805	AC009579	30729	1-489
HNGOD68	4749	790805	AC009576	30730	1-488
HNGOE64	4750	860143	AP001447	30731	1-579
HNGOE64	4750	860143	AP002520	30732	1-579
HNGOE64	4750	860143	AC023532	30733	1-579
HNGOF50	4751	796548	AC008244	30734	1-516
HNGOF50	4751	796548	AL121749	30735	1-516
HNGOF50	4751	796548	AC008244	30736	1-625
HNGOF50	4751	796548	AL121749	30737	1-625

HNGOF84	4752	782188	AC012333	30738	1-323
HNGOF85	4753	783717	AC021102	30739	1-808
HNGOF85	4753	783717	AC021102	30740	1-286
HNGOG49	4754	971178	AC011659	30741	1-627
HNGOG49	4754	971178	AC011659	30742	1-399
HNGOH42	4755	958943	AC073228	30743	1-486
HNGOH42	4755	958943	AP001591	30744	1-486
HNGOH42	4755	958943	U73641	30745	1-39 1289-1378 1542-2027 2062-2148 5101-5249 5783-6313 8529-8700 8709-9039
HNGOH42	4755	958943	AC073228	30746	1-87
HNGOH42	4755	958943	AP001591	30747	1-87
HNGOH42	4755	958943	U73641	30748	1-844
HNGOH42	4755	958943	U73641	30749	1-462 2443-2530 2667-2806
HNGOI86	4756	806013	AC026973	30750	1-1307 2041-2524 5933-6395 6456-6735 13741-13938
HNGOI86	4756	806013	AC026973	30751	1-313 497-911
HNGOJ13	4757	921433	AC025574	30752	1-444
HNGOJ13	4757	921433	AC025574	30753	1-68 2549-2806 3548-3689 3843-3998 4326-4422 4596-4686 4778-4851 4973-5377 5513-5662 6781-7667 8679-8838 8987-9030 9239-9301 9694-10178 10493-11206 11275-12049 12290-12330 12384-12530 13173-13321 13504-13687 13926-13983 15989-16304 16597-18533
HNGOJ13	4757	921433	AC025574	30754	1-107
HNGOJ64	4758	860193	AC010446	30755	1-382
HNGOJ64	4758	860193	AC010446	30756	1-46 615-693 1206-1335

					1945-2166 2590-2723
HNGOJ64	4758	860193	AC010446	30757	1-511
HNGOK59	4759	789689	AC006274	30758	1-493
HNGOK86	4760	784813	AC019268	30759	1-692
HNGOK86	4760	784813	AL122004	30760	1-692
HNGOK86	4760	784813	AC019268	30761	1-338
HNGOK86	4760	784813	AL122004	30762	1-338
HNGOL14	4761	860185	AC023671	30763	1-548
HNGOO22	4762	953888	AC022123	30764	1-304
HNGOO22	4762	953888	AC068497	30765	1-304
HNGOO22	4762	953888	AC024131	30766	1-303
HNGOP04	4763	926972	AC067752	30767	1-422
HNGOP10	4764	963483	AC025853	30768	1-465 1148-1865
HNGOP10	4764	963483	AC025853	30769	1-1121
HNGOS22	4765	860176	AL354778	30770	1-597
HNGOS22	4765	860176	AL357673	30771	1-596
HNGOS22	4765	860176	AL161644	30772	1-597
HNGOS22	4765	860176	AL354778	30773	1-323
HNGOS22	4765	860176	AL354778	30774	1-299
HNGOS22	4765	860176	AL357673	30775	1-297
HNGOS22	4765	860176	AL357673	30776	1-323
HNGOS22	4765	860176	AL161644	30777	1-323
HNGOS22	4765	860176	AL161644	30778	1-299
HNGOW13	4768	926929	AC021676	30779	1-454
HNGOW13	4768	926929	AC008750	30780	1-457
HNGOW13	4768	926929	AC008750	30781	1-259 939-1095
HNGOW13	4768	926929	AC008750	30782	1-478
HNGOY01	4769	915210	AP002769	30783	1-692
HNGOY01	4769	915210	AP002769	30784	1-257
HNGOY10	4770	915012	AL139246	30785	1-1608 1629-2744 3005-3163 3262-3815
HNGOY10	4770	915012	AL139246	30786	1-131
HNGOZ17	4771	880777	AL031654	30787	1-249
HNGPH12	4772	969683	AC027674	30788	1-498
HNGPI08	4773	947384	AL117336	30789	1-399 994-1454 1528-1902 2198-3452
HNGPI08	4773	947384	AL117336	30790	1-541
HNGPI08	4773	947384	AL117336	30791	1-211
HNGPJ23	4774	855983	AC067779	30792	1-742
HNGPJ23	4774	855983	AC069260	30793	1-742
HNGPJ23	4774	855983	AC011871	30794	1-742
HNGPJ23	4774	855983	AC069260	30795	1-327
HNGPJ23	4774	855983	AC067779	30796	1-327
HNGPJ23	4774	855983	AC011871	30797	1-328
HGPL91	4776	959740	AC008674	30798	1-473
HGPL91	4776	959740	AC008674	30799	1-149
HNGPP61	4779	860145	AC023630	30800	1-531
HNGPP61	4779	860145	AC022404	30801	1-531
HNGPP61	4779	860145	AC018388	30802	1-531

HNGPP61	4779	860145	AC023630	30803	1-552
HNGPP61	4779	860145	AC018388	30804	1-552
HNGPP61	4779	860145	AC022404	30805	1-552
HNGPR03	4780	949269	AC013449	30806	1-878
HNGPR03	4780	949269	AC013449	30807	1-225
HNGPS10	4781	963469	AL353799	30808	1-97
HNGPS10	4781	963469	AC027176	30809	1-139
HNGPS10	4781	963469	AL121981	30810	1-675
HNGPS10	4781	963469	AL121981	30811	1-416
HNHAB29	4782	860141	AC023100	30812	1-143
HNHAB29	4782	860141	AC027159	30813	1-143
HNHAB29	4782	860141	Z98886	30814	1-143
HNHAB29	4782	860141	AC023100	30815	1-324
HNHAB29	4782	860141	Z98886	30816	1-324
HNHAB93	4783	527921	AL358155	30817	1-274
HNHAB93	4783	527921	AC016396	30818	1-274
HNHAF77	4784	527971	AC020644	30819	1-364
HNHAF77	4784	527971	AC018980	30820	1-371
HNHAG50	4785	527815	AL353790	30821	1-328
HNHAG51	4786	725898	AL118504	30822	1-146 916-1184 1562-1899 2581-2690 3118-4473 4707-5010 5271-5328
HNHAG51	4786	725898	AL109935	30823	1-146 1019-1196 1562-2563 2581-4473 4707-5010 5271-5328
HNHAG51	4786	725898	AC008845	30824	1-304
HNHAG51	4786	725898	AL118504	30825	1-310
HNHAG51	4786	725898	AL118504	30826	1-469
HNHAG51	4786	725898	AL109935	30827	1-469
HNHAG51	4786	725898	AL109935	30828	1-310
HNHAG51	4786	725898	AC008845	30829	1-98
HNHAG64	4787	527809	AC068802	30830	1-245
HNHAG64	4787	527809	AC068036	30831	1-245
HNHAH84	4789	527806	AC074343	30832	1-360
HNHAH84	4789	527806	AL137072	30833	1-360
HNHAH84	4789	527806	AL360084	30834	1-360
HNHAH84	4789	527806	AC074343	30835	1-275
HNHAH84	4789	527806	AL137072	30836	1-275
HNHAH84	4789	527806	AL360084	30837	1-275
HNHAI11	4790	967668	AC018747	30838	1-534
HNHAI11	4790	967668	AP001522	30839	1-540
HNHAI11	4790	967668	AC010958	30840	1-540
HNHAI11	4790	967668	AC018747	30841	1-274
HNHAI11	4790	967668	AP001522	30842	1-274
HNHAI11	4790	967668	AC010958	30843	1-274
HNHAI11	4790	967668	AC010958	30844	1-430 907-1128 1200-1619
HNHAK83	4794	574391	AC016589	30845	1-341

HNHAK83	4794	574391	AC010331	30846	1-341
HNHAK83	4794	574391	AC016589	30847	1-313
HNHAK83	4794	574391	AC010331	30848	1-313
HNHAP79	4795	574384	AC009950	30849	1-1496
HNHAP79	4795	574384	AC009950	30850	1-100 577-1788 2299-2492 2608-3214 3965-4636 5297-5413 5486-6189 6488-6560 6708-6776 7052-7331 7340-7636 8272-8713 8888-9337
HNHAP79	4795	574384	AC009950	30851	1-563
HNHAW75	4796	515480	AC021988	30852	1-1369
HNHAW75	4796	515480	AF050154	30853	1-1371
HNHAW75	4796	515480	AC011481	30854	1-1371
HNHAW75	4796	515480	AC021988	30855	1-247
HNHAW75	4796	515480	AC021988	30856	1-301
HNHAW75	4796	515480	AF050154	30857	1-301
HNHAW75	4796	515480	AF050154	30858	1-247
HNHAW75	4796	515480	AC011481	30859	1-247
HNHAW75	4796	515480	AC011481	30860	1-301
HNHBC30	4797	693318	AC009403	30861	1-169 777-1271 1412-2610
HNHBC30	4797	693318	AC009403	30862	1-181
HNHBC30	4797	693318	AC009403	30863	1-299
HNHBE19	4798	724404	AC025926	30864	1-366
HNHBE19	4798	724404	AC025280	30865	1-366
HNHBE19	4798	724404	AC025280	30866	1-442
HNHBE19	4798	724404	AC025280	30867	1-474
HNHBH62	4799	574387	AC022827	30868	1-480
HNHBH62	4799	574387	AC025429	30869	1-483
HNHBH62	4799	574387	AC020658	30870	1-483
HNHBH62	4799	574387	AC022827	30871	1-242
HNHBH62	4799	574387	AC025429	30872	1-242
HNHBH62	4799	574387	AC020658	30873	1-986
HNHBH72	4800	577334	AC004520	30874	1-439
HNHBK22	4801	574305	AP002380	30875	1-558
HNHBK22	4801	574305	AP002754	30876	1-97 1484-2042 2737-2884
HNHBK22	4801	574305	AC004770	30877	1-97 1483-2040 2735-2882
HNHBK22	4801	574305	AC004770	30878	1-499
HNHBK59	4802	959771	AC025395	30879	1-287
HNHBK59	4802	959771	AL357556	30880	1-287
HNHBK59	4802	959771	AC025395	30881	1-116 487-601 1411-1563

					2198-3172 3543-3735 4604-4730 4748-5141 8079-8183 10536-10825 11649-11742
HNHBK80	4803	721688	AC013591	30882	1-328
HNHBK80	4803	721688	AC013591	30883	1-78
HNHBK80	4803	721688	AC013591	30884	1-253
HNHBM63	4804	574310	AC011498	30885	1-117 156-995 1675-1829
HNHBM63	4804	574310	AC011498	30886	1-302
HNHBM66	4805	860119	AL117190	30887	1-461
HNHBM66	4805	860119	AL132711	30888	1-461
HNHBO20	4806	793416	AC025703	30889	1-597
HNHBO20	4806	793416	AC023201	30890	1-480 807-2261
HNHBO20	4806	793416	AC025703	30891	1-621
HNHBO71	4807	868059	AC011753	30892	1-400
HNHBO71	4807	868059	AC011753	30893	1-138
HNHBS38	4812	925693	AC020917	30894	1-433 1203-1956
HNHBS38	4812	925693	AC020917	30895	1-340
HNHBS38	4812	925693	AC020917	30896	1-319
HNHBU20	4813	669866	AC011316	30897	1-353
HNHBU20	4813	669866	AC069228	30898	1-353
HNHBU20	4813	669866	AC011316	30899	1-208
HNHBU20	4813	669866	AC069228	30900	1-461
HNHBU20	4813	669866	AC011316	30901	1-460
HNHBU20	4813	669866	AC069228	30902	1-208
HNHBU37	4815	574139	AC022182	30903	1-417
HNHBU37	4815	574139	AF162757	30904	1-416
HNHBU37	4815	574139	AC022182	30905	1-152
HNHBU37	4815	574139	AF162757	30906	1-152
HNHBU92	4819	753550	AC073094	30907	1-389
HNHBU93	4820	757745	AL121768	30908	1-419
HNHBU93	4820	757745	AL121768	30909	1-234
HNHBV55	4821	574026	AL121722	30910	1-288
HNHBY06	4822	936012	AL355994	30911	1-888
HNHBY06	4822	936012	AL034555	30912	1-888
HNHBY06	4822	936012	AL355994	30913	1-84
HNHBY06	4822	936012	AL034555	30914	1-84
HNHBY60	4824	964712	AC004258	30915	1-245
HNHBY60	4824	964712	AC004258	30916	1-350
HNHBY83	4825	694401	AC016907	30917	1-488
HNHBY83	4825	694401	AC016907	30918	1-438
HNHBZ03	4826	924873	AC024541	30919	1-407
HNHBZ03	4826	924873	AC053535	30920	1-407
HNHBZ03	4826	924873	AL353112	30921	1-407
HNHBZ03	4826	924873	AC053535	30922	1-99
HNHBZ03	4826	924873	AC024541	30923	1-474
HNHBZ03	4826	924873	AL353112	30924	1-474
HNHBZ03	4826	924873	AL353112	30925	1-99
HNHCC42	4827	577343	AC069154	30926	1-375

HNHCC42	4827	577343	AC022594	30927	1-374
HNHCD63	4828	574309	AC007758	30928	1-463
HNHCJ25	4830	679154	AC068411	30929	1-681
HNHCJ25	4830	679154	AC068974	30930	1-1196
HNHCJ25	4830	679154	AC025126	30931	1-1197
HNHCJ25	4830	679154	AF228730	30932	1-733
HNHCJ25	4830	679154	AC068974	30933	1-967
HNHCJ25	4830	679154	AC068974	30934	1-324
HNHCJ25	4830	679154	AC025126	30935	1-226
HNHCJ25	4830	679154	AC025126	30936	1-151
HNHCJ25	4830	679154	AF228730	30937	1-226
HNHCJ25	4830	679154	AF228730	30938	1-565
HNHCJ39	4832	574084	AC005390	30939	1-86 272-360 460-595 698-849 1343-1446 1600-1877 3135-3633 4207-4674 4936-5397 5408-5512
HNHCJ39	4832	574084	AC005390	30940	1-393
HNHCJ39	4832	574084	AC005390	30941	1-90
HNHCJ71	4834	760565	AC024091	30942	1-406
HNHCJ71	4834	760565	AC027287	30943	1-406
HNHCJ80	4835	786033	AL356472	30944	1-653
HNHCJ80	4835	786033	AC027812	30945	1-653
HNHCJ80	4835	786033	AC034144	30946	1-653
HNHCL20	4836	780527	AL356420	30947	1-849
HNHCL20	4836	780527	AL157386	30948	1-849
HNHCL20	4836	780527	AL121928	30949	1-849
HNHCL20	4836	780527	AL356420	30950	1-537
HNHCL20	4836	780527	AL157386	30951	1-537
HNHCL20	4836	780527	AL121928	30952	1-537
HNHCL38	4837	574082	AC074289	30953	1-472
HNHCL38	4837	574082	AC074289	30954	1-302
HNHCL38	4837	574082	AC074289	30955	1-316
HNHCM80	4839	573010	AC018569	30956	1-489
HNHCM80	4839	573010	AC044882	30957	1-489
HNHCM80	4839	573010	AC044882	30958	1-109
HNHCN70	4840	577186	AC009405	30959	1-201
HNHCN70	4840	577186	AC016818	30960	1-201
HNHCN70	4840	577186	AC009405	30961	1-382
HNHCN70	4840	577186	AC016818	30962	1-382
HNHCO64	4843	574147	AC007559	30963	1-408
HNHCO64	4843	574147	AC007559	30964	1-310
HNHCP22	4845	934307	AC074194	30965	1-580
HNHCP22	4845	934307	AC074194	30966	1-424
HNHCP22	4845	934307	AC074194	30967	1-191
HNHCP37	4846	866950	AL353893	30968	1-398
HNHCP37	4846	866950	AL137145	30969	1-398
HNHCP37	4846	866950	AL353893	30970	1-402
HNHCP37	4846	866950	AL353893	30971	1-366
HNHCP37	4846	866950	AL137145	30972	1-366
HNHCP37	4846	866950	AL137145	30973	1-402

HNHCP78	4847	506696	AC009063	30974	1-317
HNHCP78	4847	506696	AC009063	30975	1-535
HNHCP78	4847	506696	AC009063	30976	1-301
HNHCP88	4848	574341	AC021125	30977	1-429
HNHCP88	4848	574341	AC009149	30978	1-429
HNHCP88	4848	574341	AC074303	30979	1-429
HNHCQ70	4849	757410	AC006995	30980	1-534 1149-1204 2659-3397 3408-3534 3591-4409 4442-4780 5617-6223 6460-6891 7549-8567 8645-9513 9681-9950 10468-11054 12190-12504 12666-13126 14128-14595 14642-15370 15871-16055 16461-16737 17021-17502 18574-18630 19218-19567 19899-20083 20213-20330 21577-21681 22248-22313 23337-23988 24338-24865 25018-25541
HNHCQ70	4849	757410	AC005073	30981	1-385 538-983 1001-1081
HNHCQ70	4849	757410	AC005071	30982	1-385 538-983 1001-1081
HNHCQ70	4849	757410	AC061712	30983	1-258 608-1135 1288-2314
HNHCQ70	4849	757410	AC005080	30984	1-2371 2694-2801 3830-4203 4491-4868 5149-6640 6666-6850 7010-7327 7514-7608 8130-8663 9278-9334 10788-11526 11537-11663 11720-12538 12571-12909

					13746-14352 14589-15020 15678-16696 16774-17100 17161-17627 17810-18079 18597-19183 20319-20633 20795-21255 22257-22724 22771-23499 24000-24184 24590-24866 25150-25631 26703-26759 26903-27050 27347-27696 28028-28212 28342-28459 30377-30442 31466-32117 32467-32994 33147-34435
HNHCQ70	4849	757410	AC004166	30985	1-367 535-1370
HNHCQ70	4849	757410	AC005073	30986	1-352
HNHCQ70	4849	757410	AC005071	30987	1-352
HNHCQ70	4849	757410	AC061712	30988	1-384
HNHCQ70	4849	757410	AC061712	30989	1-288
HNHCQ70	4849	757410	AC005080	30990	1-1180
HNHCQ70	4849	757410	AC004166	30991	1-187
HNHCQ70	4849	757410	AC004166	30992	1-359
HNHCU18	4850	574394	AC026057	30993	1-337
HNHCU18	4850	574394	AC026046	30994	1-337
HNHCU18	4850	574394	AC026057	30995	1-220
HNHCU18	4850	574394	AC026046	30996	1-220
HNHCU18	4850	574394	AC026046	30997	1-33 971-1280
HNHCU42	4851	850918	AC022147	30998	1-1126
HNHCU42	4851	850918	AC009124	30999	1-1126
HNHCU42	4851	850918	AC003007	31000	1-1126
HNHCU42	4851	850918	AC005632	31001	1-1126
HNHCU42	4851	850918	AC009086	31002	1-1200
HNHCU42	4851	850918	AC022147	31003	1-1234
HNHCU42	4851	850918	AC022147	31004	1-739
HNHCU42	4851	850918	AC009124	31005	1-179
HNHCU42	4851	850918	AC009124	31006	1-739
HNHCU42	4851	850918	AC003007	31007	1-739
HNHCU42	4851	850918	AC003007	31008	1-179
HNHCU42	4851	850918	AC005632	31009	1-179
HNHCU42	4851	850918	AC005632	31010	1-739
HNHCU42	4851	850918	AC009086	31011	1-316
HNHCU42	4851	850918	AC009086	31012	1-740
HNHCU57	4852	735005	AC009988	31013	1-389
HNHCU57	4852	735005	AC026395	31014	1-389
HNHCU57	4852	735005	AC006175	31015	1-389

HNHCV72	4853	766213	AC007823	31016	1-296 538-1002 2537-2731 2893-3282 3567-3709 3734-3762
HNHCV72	4853	766213	AC007823	31017	1-597
HNHCV72	4853	766213	AC007823	31018	1-345
HNHCZ07	4854	953881	AC073394	31019	1-310
HNHCZ07	4854	953881	AL160264	31020	1-333
HNHCZ07	4854	953881	AC073394	31021	1-129
HNHCZ07	4854	953881	AL160264	31022	1-104 1429-1566 5377-5434
HNHCZ23	4855	574325	AC007908	31023	1-3866
HNHCZ23	4855	574325	AC024972	31024	1-3888
HNHCZ23	4855	574325	AC016424	31025	1-3857
HNHCZ23	4855	574325	AC006352	31026	1-2352 2651-6514 7132-7874 7968-8703 8712-9304 9448-9839 10700-10899 10905-11598 12683-13030 14303-14637 16157-16770 17206-17635 20251-20735 22641-23407 23975-24119 24770-25313 33484-33785 36958-37422 37449-37880 38545-38889 39260-41005 42952-43374 43585-44838 45073-45800 46529-47117 47174-47862 48513-49777
HNHCZ23	4855	574325	AC002041	31027	1-3864
HNHCZ23	4855	574325	AC007882	31028	1-3866
HNHCZ23	4855	574325	AC002038	31029	1-3891
HNHCZ23	4855	574325	AC007908	31030	1-2342
HNHCZ23	4855	574325	AC024972	31031	1-553
HNHCZ23	4855	574325	AC024972	31032	1-733
HNHCZ23	4855	574325	AC016424	31033	1-742
HNHCZ23	4855	574325	AC016424	31034	1-681
HNHCZ23	4855	574325	AC006352	31035	1-543 726-1386
HNHCZ23	4855	574325	AC006352	31036	1-196 781-1325 1498-1790

					2375-2564 3076-3490 3828-4012 4337-4760 4833-5079
HNHCZ23	4855	574325	AC002041	31037	1-2342
HNHCZ23	4855	574325	AC002041	31038	1-691
HNHCZ23	4855	574325	AC007882	31039	1-2342
HNHCZ23	4855	574325	AC007882	31040	1-691
HNHCZ23	4855	574325	AC002038	31041	1-682
HNHCZ23	4855	574325	AC002038	31042	1-742
HNHDA07	4856	855988	AC024441	31043	1-769
HNHDA07	4856	855988	AC068307	31044	1-765
HNHDA07	4856	855988	AC068307	31045	1-34 4085-5052 5125-5228 5543-6239
HNHDA79	4857	574350	AC013420	31046	1-274
HNHDA79	4857	574350	AC021027	31047	1-274
HNHDA79	4857	574350	AC026680	31048	1-274
HNHDA88	4858	574150	AC023120	31049	1-166
HNHDA88	4858	574150	AC023120	31050	1-597
HNHDA88	4858	574150	AC023120	31051	1-167
HNHDB11	4859	574323	AC017044	31052	1-491
HNHDB23	4860	676290	AC022418	31053	1-459
HNHDB23	4860	676290	AC010347	31054	1-459
HNHDB23	4860	676290	AC022418	31055	1-114
HNHDB23	4860	676290	AC010347	31056	1-114
HNHDB46	4861	574329	AC020708	31057	1-498
HNHDC47	4864	708705	AL357293	31058	1-512
HNHDC47	4864	708705	AL353607	31059	1-512
HNHDC47	4864	708705	AL359253	31060	1-512
HNHDC47	4864	708705	AL357293	31061	1-128
HNHDC47	4864	708705	AL353607	31062	1-128
HNHDC47	4864	708705	AL359253	31063	1-128
HNHDE38	4867	709277	AC073650	31064	1-567
HNHDE38	4867	709277	AC009417	31065	1-567
HNHDE38	4867	709277	AC073650	31066	1-1532
HNHDE38	4867	709277	AC009417	31067	1-530
HNHDF31	4868	968249	AC006560	31068	1-237
HNHDF48	4869	574385	AL354815	31069	1-366
HNHDF48	4869	574385	AL157766	31070	1-236
HNHDF48	4869	574385	AL354815	31071	1-105
HNHDF48	4869	574385	AL157766	31072	1-105
HNHDH06	4870	936046	AC027704	31073	1-140
HNHDH06	4870	936046	AL050344	31074	1-320
HNHDH06	4870	936046	AC027704	31075	1-150
HNHDH06	4870	936046	AL050344	31076	1-314
HNHDH60	4871	860101	AL117209	31077	1-73 1597-1980 2961-3484 4521-4619 4808-5380 6599-6946 7348-7845 9351-9732

					9941-10589 12393-12759 13690-13872 14047-14324 14972-15281 15293-15409 15652-16714
HNHDH60	4871	860101	AL117209	31078	1-188
HNHDH60	4871	860101	AL117209	31079	1-1391
HNHDL90	4873	789082	AP001615	31080	1-472
HNHDL90	4873	789082	AP001614	31081	1-472
HNHDL94	4874	773592	AC006231	31082	1-339
HNHDM40	4876	711352	AP001592	31083	1-319
HNHDM40	4876	711352	AP001592	31084	1-217
HNHDM50	4877	724550	AC022748	31085	1-489
HNHDM50	4877	724550	AC022748	31086	1-510
HNHDM74	4878	506621	AC027631	31087	1-437
HNHDP04	4881	859988	AC023390	31088	1-404
HNHDP04	4881	859988	AC023290	31089	1-620
HNHDP04	4881	859988	AC012191	31090	1-734
HNHDP04	4881	859988	AC023390	31091	1-1464
HNHDP04	4881	859988	AF279874	31092	1-734
HNHDP04	4881	859988	AC023390	31093	1-734
HNHDP04	4881	859988	AC023390	31094	1-734
HNHDP04	4881	859988	AC023390	31095	1-734
HNHDP04	4881	859988	AC023390	31096	1-1949
HNHDP04	4881	859988	AC012191	31097	1-1949
HNHDP04	4881	859988	AC023390	31098	1-422
HNHDP04	4881	859988	AC023390	31099	1-243
HNHDP04	4881	859988	AC023390	31100	1-244
HNHDP04	4881	859988	AC023390	31101	1-244
HNHDP04	4881	859988	AF279874	31102	1-244
HNHDP04	4881	859988	AC023390	31103	1-1314 1813-2400 2855-4003
HNHDP04	4881	859988	AC012191	31104	1-1314 1813-2400 2855-4044
HNHDP04	4881	859988	AC023390	31105	1-130
HNHDP04	4881	859988	AC012191	31106	1-291
HNHDP29	4882	746093	AF235096	31107	1-474
HNHDP29	4882	746093	AC011134	31108	1-474
HNHDQ11	4883	967334	AC068040	31109	1-487
HNHDQ11	4883	967334	AC061962	31110	1-487
HNHDQ11	4883	967334	AC061962	31111	1-354
HNHDQ11	4883	967334	AC068040	31112	1-354
HNHDQ17	4884	573328	AC010980	31113	1-411
HNHDQ35	4885	707334	AC007256	31114	1-4014 4535-4752 5183-5429 6242-6766 6817-7276 7590-7762 8136-9280 10496-10980 12093-12297

					12439-12780 13074-13191 13212-13385 15702-15842 16390-16689 17594-17666
HNHDQ35	4885	707334	AC007256	31115	1-415 926-1259 1607-2058 2091-2993 3018-3185 3332-3990
HNHDQ35	4885	707334	AC007256	31116	1-131 2185-2266 2831-3044 4062-4153
HNHDQ56	4887	577256	AC026195	31117	1-557
HNHDQ56	4887	577256	AL390834	31118	1-557
HNHDQ56	4887	577256	AL161745	31119	1-557
HNHDQ56	4887	577256	AC026195	31120	1-139
HNHDQ56	4887	577256	AL390834	31121	1-139
HNHDQ56	4887	577256	AL161745	31122	1-139
HNHDQ56	4887	577256	AC026195	31123	1-284
HNHDQ56	4887	577256	AL390834	31124	1-126
HNHDQ56	4887	577256	AL161745	31125	1-284
HNHDQ93	4890	923817	AC027641	31126	1-434
HNHDQ93	4890	923817	AC027641	31127	1-90
HNHDQ93	4890	923817	AC027641	31128	1-580
HNHDR10	4891	968082	AC025689	31129	1-127
HNHDR28	4892	685580	AP002451	31130	1-527
HNHDR28	4892	685580	AP002008	31131	1-527
HNHDR71	4893	575480	AC021954	31132	1-515
HNHDR71	4893	575480	AC025426	31133	1-757
HNHDR71	4893	575480	AC025426	31134	1-307
HNHDS27	4894	683585	AC022144	31135	1-257
HNHDS27	4894	683585	AC008649	31136	1-282
HNHDS27	4894	683585	AC008649	31137	1-271
HNHDS83	4895	573347	AC064820	31138	1-205
HNHDS88	4896	573349	AL133501	31139	1-167
HNHDS88	4896	573349	AL162632	31140	1-167
HNHDT01	4897	917004	AC069290	31141	1-372
HNHDT01	4897	917004	AC068020	31142	1-372
HNHDT01	4897	917004	AF284563	31143	1-372
HNHDT01	4897	917004	AC069290	31144	1-481 521-1014
HNHDT01	4897	917004	AC068020	31145	1-483 523-1027
HNHDT01	4897	917004	AF284563	31146	1-715 2590-3072 3112-3616
HNHDT54	4900	728871	AC024014	31147	1-354 680-2941 3355-3528 3530-4019 4341-4396
HNHDT54	4900	728871	AC010865	31148	1-490

HNHDT54	4900	728871	AC024014	31149	1-301
HNHDT54	4900	728871	AC010865	31150	1-2261
HNHDV50	4902	506622	AP002419	31151	1-293
HNHDV50	4902	506622	AC025679	31152	1-293
HNHDV84	4903	750262	AC007255	31153	1-376
HNHDW78	4904	723189	AC068411	31154	1-463
HNHDW78	4904	723189	AC068411	31155	1-463
HNHDW78	4904	723189	AF192303	31156	1-165
HNHDW78	4904	723189	AF192303	31157	1-324
HNHDX80	4905	779334	AC013737	31158	1-332
HNHDX84	4906	615272	AC011824	31159	1-356
HNHDX84	4906	615272	AC024614	31160	1-356
HNHDY18	4907	573329	AC020626	31161	1-378
HNHDY37	4908	582473	AL358235	31162	1-526
HNHDY37	4908	582473	AC012128	31163	1-525
HNHDY50	4910	924211	AC023033	31164	1-315
HNHDY50	4910	924211	AC023033	31165	1-316
HNHDY50	4910	924211	AC023033	31166	1-316
HNHDY50	4910	924211	AC023033	31167	1-143
HNHDY50	4910	924211	AC023033	31168	1-143
HNHDY50	4910	924211	AC023033	31169	1-143
HNHDY83	4912	795954	AC026740	31170	1-329
HNHDY83	4912	795954	AC010427	31171	1-329
HNHDY83	4912	795954	AC026740	31172	1-385
HNHDY83	4912	795954	AC010427	31173	1-263 623-1007
HNHDZ14	4913	506738	AL033525	31174	1-307
HNHDZ14	4913	506738	AL033525	31175	1-1853
HNHDZ26	4914	419716	AC013275	31176	1-448
HNHDZ26	4914	419716	AC013275	31177	1-331
HNHDZ26	4914	419716	AC013275	31178	1-620
HNHDZ69	4915	573346	AL356428	31179	1-251
HNHDZ69	4915	573346	AL357512	31180	1-251
HNHDZ69	4915	573346	AL356428	31181	1-6175
HNHDZ69	4915	573346	AL357512	31182	1-6176
HNHEA06	4916	835893	AC009587	31183	1-305
HNHEA21	4917	574868	AC023290	31184	1-244
HNHEA21	4917	574868	AC023290	31185	1-215
HNHEA21	4917	574868	AC023290	31186	1-80
HNHEA21	4917	574868	AF279874	31187	1-244
HNHEA21	4917	574868	AC023290	31188	1-244
HNHEA21	4917	574868	AC012191	31189	1-608
HNHEA21	4917	574868	AC023290	31190	1-244
HNHEA21	4917	574868	AC023390	31191	1-1464
HNHEA21	4917	574868	AC023390	31192	1-243
HNHEA21	4917	574868	AC023290	31193	1-120
HNHEA21	4917	574868	AC023390	31194	1-244
HNHEA21	4917	574868	AC023390	31195	1-244
HNHEA21	4917	574868	AF279874	31196	1-244
HNHEA21	4917	574868	AC023390	31197	1-1949
HNHEA21	4917	574868	AC012191	31198	1-1949
HNHEA21	4917	574868	AC023390	31199	1-422
HNHEA21	4917	574868	AC023390	31200	1-380
HNHEA21	4917	574868	AC023290	31201	1-380
HNHEA21	4917	574868	AF279874	31202	1-380

HNHEA21	4917	574868	AC023390	31203	1-380
HNHEA21	4917	574868	AC023390	31204	1-380
HNHEA21	4917	574868	AF279874	31205	1-734
HNHEA21	4917	574868	AC023390	31206	1-734
HNHEA21	4917	574868	AC023390	31207	1-734
HNHEA21	4917	574868	AC023390	31208	1-734
HNHEA21	4917	574868	AC023390	31209	1-1314 1813-2400 2855-4003
HNHEA21	4917	574868	AF279874	31210	1-380
HNHEA21	4917	574868	AC012191	31211	1-1314 1813-2400 2855-4044
HNHEA21	4917	574868	AC023390	31212	1-130
HNHEA21	4917	574868	AC012191	31213	1-291
HNHEB47	4920	573339	AC013277	31214	1-183
HNHEB47	4920	573339	AC020591	31215	1-183
HNHEB47	4920	573339	AC013280	31216	1-183
HNHEB88	4921	412655	AC012521	31217	1-1082 1131-1185 1280-1343 1463-2059 2533-2589 2814-4368 7096-7212 7360-7464 8263-8421 8719-8786 9349-9394 9640-9972 11880-12008 12131-12548 13210-13289 13383-13838 13865-14149 14619-15201 15244-15521 16109-16595 16816-16900 18915-19564 19692-20044 20711-20792 20917-21129 21793-21911 22381-23547 23755-24680 25026-25655
HNHEC51	4923	577306	AC068936	31218	1-424
HNHEC51	4923	577306	AC006405	31219	1-424
HNHEC51	4923	577306	AC068936	31220	1-312
HNHEC96	4924	796463	AC023786	31221	1-367
HNHEC96	4924	796463	AC023786	31222	1-785
HNHED02	4925	920414	AP001647	31223	1-415
HNHED02	4925	920414	AC040896	31224	1-415
HNHED51	4926	682992	AC016773	31225	1-168 313-453 4291-5371

					5433-6032 6144-7279 7470-7542 7752-7883 9419-9751 9878-10577 10950-11050 11852-11903 12309-12413 12428-13032 13818-13905 14175-14278 14458-14975 15057-15884 16273-16351 16530-16580 16783-17558 17637-18004 18914-19480 20027-20109 20286-20957 21076-21747
HNHED82	4927	576541	Z82249	31226	1-396
HNHEE25	4929	576512	AC015867	31227	1-379
HNHEE25	4929	576512	AC015867	31228	1-108
HNHEE25	4929	576512	AC015867	31229	1-137
HNHEE30	4930	576440	AC069282	31230	1-431
HNHEE38	4931	860073	AC025413	31231	1-434
HNHEE38	4931	860073	AL359090	31232	1-434
HNHEE38	4931	860073	AL357133	31233	1-434
HNHEE40	4932	576442	AC073959	31234	1-429
HNHEE40	4932	576442	AF130343	31235	1-429
HNHEF01	4934	916792	AC062024	31236	1-379
HNHEF01	4934	916792	AC062024	31237	1-501
HNHEG28	4936	586443	AC019349	31238	1-330
HNHEG32	4937	576426	AL358492	31239	1-485
HNHEG49	4938	576415	AL136960	31240	1-340
HNHEG49	4938	576415	AL136960	31241	1-529
HNHEG68	4939	861181	AC023782	31242	1-546
HNHEG68	4939	861181	AC015462	31243	1-546
HNHEG68	4939	861181	AC015462	31244	1-303
HNHEG91	4940	506278	AC069399	31245	1-667
HNHEG91	4940	506278	AC069268	31246	1-667
HNHEH04	4941	582732	AC009774	31247	1-656
HNHEH51	4944	678114	AL354719	31248	1-835
HNHEH52	4945	860021	AC004885	31249	1-376
HNHEH60	4946	576517	AC021888	31250	1-399
HNHEI06	4947	923080	AC024328	31251	1-369
HNHEI06	4947	923080	AL137128	31252	1-610
HNHEI06	4947	923080	AL137128	31253	1-280
HNHEI64	4948	576549	AL157946	31254	1-339
HNHEI64	4948	576549	AL157946	31255	1-258
HNHEJ07	4949	953586	AC018963	31256	1-686
HNHEJ07	4949	953586	AC002042	31257	1-437 1806-2490 3860-3952

					4190-4428
HNHEJ07	4949	953586	AC009091	31258	1-437 1973-2516 4021-4124 4210-4448
HNHEJ07	4949	953586	AC002042	31259	1-435 1461-1802 1962-2505 3850-3971 4207-4445
HNHEJ07	4949	953586	AC020760	31260	1-437 1981-2523 4183-4421
HNHEJ07	4949	953586	AL133173	31261	1-437 1981-2523 4183-4421
HNHEJ07	4949	953586	AL031601	31262	1-434
HNHEJ07	4949	953586	AC018963	31263	1-124
HNHEJ07	4949	953586	AC002042	31264	1-440
HNHEJ07	4949	953586	AC002042	31265	1-446
HNHEJ07	4949	953586	AC020760	31266	1-3135 7109-7863 8531-8861 11880-12190 18779-18840 18850-19835 19965-20911
HNHEJ07	4949	953586	AL133173	31267	1-3135
HNHEJ07	4949	953586	AL031601	31268	1-437
HNHEJ11	4950	967265	AC007621	31269	1-723
HNHEJ23	4951	576533	AL355773	31270	1-379
HNHEJ23	4951	576533	AL355773	31271	1-311
HNHEJ24	4952	916556	AC026830	31272	1-227
HNHEJ24	4952	916556	AC009673	31273	1-227
HNHEJ24	4952	916556	AL359096	31274	1-229
HNHEJ24	4952	916556	AC053522	31275	1-227
HNHEJ24	4952	916556	AC015973	31276	1-227
HNHEJ24	4952	916556	AC026830	31277	1-401
HNHEJ24	4952	916556	AC009673	31278	1-399
HNHEJ24	4952	916556	AC053522	31279	1-401
HNHEJ24	4952	916556	AC015973	31280	1-401
HNHEJ44	4953	716723	AC006464	31281	1-324
HNHEJ44	4953	716723	AC006464	31282	1-501
HNHEJ57	4954	576535	AC024563	31283	1-247
HNHEJ57	4954	576535	AC011467	31284	1-247
HNHEJ57	4954	576535	AC011467	31285	1-86
HNHEK63	4957	576819	AL357395	31286	1-460
HNHEK79	4958	954548	AL136961	31287	1-371
HNHEK79	4958	954548	AC016189	31288	1-370
HNHEK79	4958	954548	AL136961	31289	1-663 2806-3393 3696-4140 6018-9409
HNHEL09	4960	576418	AC025342	31290	1-495
HNHEL09	4960	576418	AC026041	31291	1-495
HNHEL09	4960	576418	AL358177	31292	1-495

HNHEL09	4960	576418	AC025342	31293	1-3691
HNHEL09	4960	576418	AC026041	31294	1-2427
HNHEL09	4960	576418	AL358177	31295	1-852
HNHEL37	4961	713723	AC017052	31296	1-574
HNHEL37	4961	713723	AC020750	31297	1-49 1873-2053 3727-3912 4039-4612 5517-6152 6296-6363
HNHEL37	4961	713723	AC017052	31298	1-289
HNHEL37	4961	713723	AC017052	31299	1-636
HNHEL37	4961	713723	AC020750	31300	1-579
HNHEL42	4962	859830	AP001933	31301	1-436
HNHEL42	4962	859830	AP001933	31302	1-88
HNHEL44	4963	576423	AC016155	31303	1-261
HNHEL53	4964	506281	AP000920	31304	1-389
HNHEL53	4964	506281	AP000920	31305	1-83
HNHEL53	4964	506281	AP000920	31306	1-882
HNHEL82	4965	576430	AC016677	31307	1-681
HNHEL94	4966	786930	AC010865	31308	1-117 182-1678 1794-2409
HNHEL94	4966	786930	AC024014	31309	1-219 927-1171 1491-1701 2621-3125 3298-4975 5091-5706
HNHEL94	4966	786930	AC024014	31310	1-991
HNHEM04	4967	950725	AC027170	31311	1-396
HNHEM34	4968	860047	AC018869	31312	1-357
HNHEM35	4969	576424	AC023496	31313	1-356
HNHEM35	4969	576424	AC016935	31314	1-356
HNHEM35	4969	576424	AC016935	31315	1-304
HNHEM83	4970	825354	AC023016	31316	1-1877
HNHEM83	4970	825354	AC023016	31317	1-603
HNHEM83	4970	825354	AC023016	31318	1-1040
HNHEM85	4971	783480	AL031668	31319	1-422
HNHEN02	4972	920420	AC020636	31320	1-460
HNHEN16	4973	615402	AC026628	31321	1-453
HNHEN56	4974	733521	AL109844	31322	1-372 431-1146
HNHEN56	4974	733521	AL357493	31323	1-374 433-1147
HNHEN56	4974	733521	AL109844	31324	1-799
HNHEN56	4974	733521	AL109844	31325	1-674
HNHEN56	4974	733521	AL357493	31326	1-799
HNHEN56	4974	733521	AL357493	31327	1-676
HNHEN66	4975	576544	AC023545	31328	1-430
HNHEN66	4975	576544	AC023300	31329	1-430
HNHEN66	4975	576544	AC023545	31330	1-179
HNHEN66	4975	576544	AC023300	31331	1-179
HNHEN76	4976	576542	AL162499	31332	1-746
HNHEN76	4976	576542	AL162499	31333	1-357
HNHEO29	4977	576548	AC024558	31334	1-194

					786-1090 2844-3002 3100-3178 4126-4260 8821-9003 9185-9512 9653-10091 11942-12069 12379-12910 12931-16348
HNHEO29	4977	576548	AC024558	31335	1-280 284-561
HNHEO29	4977	576548	AC024558	31336	1-157
HNHEO83	4979	706683	AC016771	31337	1-566 1718-1892 2063-2402 2463-2760 3136-3652 3744-4188 4225-4341 4379-5167
HNHEO84	4980	859992	AL133163	31338	1-418
HNHEO84	4980	859992	AL133163	31339	1-84
HNHEP49	4981	576453	AF109076	31340	1-339
HNHEP49	4981	576453	AF145206	31341	1-339
HNHEP49	4981	576453	AF109076	31342	1-182
HNHEP49	4981	576453	AF145206	31343	1-182
HNHEQ07	4982	953577	AC025684	31344	1-477
HNHEQ07	4982	953577	AC025684	31345	1-384
HNHEQ46	4983	576437	AC009987	31346	1-307
HNHEQ70	4985	577188	AP002438	31347	1-433
HNHEQ70	4985	577188	AC018931	31348	1-433
HNHEQ70	4985	577188	AP002438	31349	1-207 4476-4775
HNHEQ70	4985	577188	AC018931	31350	1-207 4477-4776
HNHEQ92	4986	576456	AL031290	31351	1-435
HNHEQ92	4986	576456	AL031290	31352	1-102
HNHER06	4988	918651	AC004036	31353	1-1798 3604-3945 5300-5589 6553-6682 9120-9215 11039-11126
HNHER21	4989	496484	AL157832	31354	1-518
HNHER21	4989	496484	AL157832	31355	1-325
HNHER21	4989	496484	AL157832	31356	1-263
HNHES07	4992	953443	AC010296	31357	1-380
HNHES07	4992	953443	AC016593	31358	1-382
HNHES07	4992	953443	AP000998	31359	1-382
HNHES23	4994	675946	Z97199	31360	1-201 1863-2245 3773-4162 4297-4482 6094-6295 7728-8924

					9033-9293 9404-9681 9732-10194 10320-10657 10709-11490 13505-13673
HNHES35	4995	576497	AC006261	31361	1-646 1834-2124
HNHES35	4995	576497	AC006261	31362	1-470
HNHES35	4995	576497	AC006261	31363	1-302
HNHES56	4996	881504	AP000438	31364	1-248
HNHES56	4996	881504	AP000438	31365	1-236
HNHES56	4996	881504	AP000438	31366	1-358
HNHES81	4998	777979	AC021328	31367	1-374
HNHES81	4998	777979	AC021328	31368	1-49 355-540 1098-1159
HNHET11	4999	967127	AC022950	31369	1-395
HNHET11	4999	967127	AL138844	31370	1-395
HNHET11	4999	967127	AC022950	31371	1-1484 2079-2291 2322-2347
HNHET11	4999	967127	AL138844	31372	1-1484 2079-2291 2322-2348
HNHET17	5000	576746	AC025674	31373	1-462 3916-4356 6632-7504
HNHET17	5000	576746	AC025674	31374	1-415
HNHET17	5000	576746	AC025674	31375	1-441
HNHET17	5000	576746	AC025674	31376	1-441
HNHET17	5000	576746	AC025674	31377	1-491
HNHET17	5000	576746	AC025674	31378	1-489
HNHET17	5000	576746	AC025674	31379	1-491
HNHET17	5000	576746	AC025674	31380	1-987
HNHET17	5000	576746	AC025674	31381	1-458
HNHET17	5000	576746	AC025674	31382	1-458
HNHET24	5001	860006	AC023146	31383	1-532
HNHET24	5001	860006	AC032019	31384	1-535
HNHET57	5003	577360	AC004966	31385	1-173
HNHEU50	5004	724449	AC005231	31386	1-351
HNHEU50	5004	724449	AC005231	31387	1-314
HNHEU50	5004	724449	AC005231	31388	1-287
HNHEU60	5005	576387	AL353620	31389	1-376
HNHEU71	5006	574396	AC022411	31390	1-287
HNHEU71	5006	574396	AC016637	31391	1-287
HNHEU71	5006	574396	AC073543	31392	1-287
HNHEU71	5006	574396	AC008884	31393	1-287
HNHEU71	5006	574396	AC026460	31394	1-287
HNHEU71	5006	574396	AC008884	31395	1-111 840-984
HNHEV25	5007	577111	AC023814	31396	1-129
HNHEV25	5007	577111	AC007601	31397	1-129
HNHEV25	5007	577111	AC008864	31398	1-129
HNHEV25	5007	577111	AC008740	31399	1-129
HNHEV49	5010	575777	AC008512	31400	1-231

HNHEV49	5010	575777	AC008580	31401	1-295
HNHEV49	5010	575777	AC008580	31402	1-98
HNHEW14	5012	658506	AC009072	31403	1-495
HNHEW14	5012	658506	AC007603	31404	1-495
HNHEW21	5014	670987	AP001776	31405	1-249
HNHEW21	5014	670987	AP002477	31406	1-249
HNHEW21	5014	670987	AP001776	31407	1-135
HNHEW21	5014	670987	AP002477	31408	1-135
HNHEW75	5015	576361	AL359086	31409	1-428
HNHEW75	5015	576361	AL357873	31410	1-428
HNHEW75	5015	576361	AL359086	31411	1-201
HNHEW75	5015	576361	AL359086	31412	1-362
HNHEW75	5015	576361	AL357873	31413	1-201
HNHEW75	5015	576361	AL357873	31414	1-362
HNHEW95	5017	953566	AC005624	31415	1-415
HNHEW95	5017	953566	AC005624	31416	1-126
HNHEW95	5017	953566	AC005624	31417	1-358
HNHEX12	5018	970764	AC019280	31418	1-165
HNHEX40	5019	711225	AC024182	31419	1-857
HNHEX40	5019	711225	AC011511	31420	1-648 714-1431 3261-4117 4323-4716 5324-5632
HNHEX40	5019	711225	AC011511	31421	1-264
HNHEX40	5019	711225	AC024182	31422	1-394
HNHEX40	5019	711225	AC011511	31423	1-130
HNHEX54	5020	575783	AL049646	31424	1-431
HNHEX77	5022	860037	AL132765	31425	1-111 1168-1293 1778-2201 4310-4754 6358-6512 7423-7544 9472-9630 11251-11465 13125-13266 15406-15592 15702-15741 16481-16996 17486-17578 18421-18514 21124-21234 21312-21398 21537-21632 22281-22374 22714-24391 24409-24495 25222-25783 26246-26357 26848-27165 27558-27662 28207-28681 28867-29411
HNHEX77	5022	860037	AL132765	31426	1-508
HNHEY59	5023	959668	AC068435	31427	1-398

HNHEY59	5023	959668	AC068435	31428	1-625
HNHEY63	5024	575741	AP001831	31429	1-718
HNHEY63	5024	575741	AP002506	31430	1-718
HNHEY63	5024	575741	AP002492	31431	1-718
HNHEY63	5024	575741	AP002492	31432	1-340
HNHEY63	5024	575741	AP001831	31433	1-340
HNHEY63	5024	575741	AP002506	31434	1-340
HNHEY93	5025	575745	AL117373	31435	1-287
HNHEZ07	5026	953438	AC068283	31436	1-346
HNHEZ07	5026	953438	AC024076	31437	1-389 496-565 698-729 891-1029 3536-3632 5401-5808 7772-8117 9358-9713 10723-10951 11451-11726 11767-12359 12473-12928 13919-14420 16636-17012 18978-19457 21400-21803 22127-22231 22320-22669 22797-22896 22961-23001 23493-23549 25094-25613 26878-26995 27144-27288 27380-27546 27608-27792 29180-29900 30316-30766 30802-31007 31134-31206 31482-37783
HNHEZ07	5026	953438	AC010247	31438	1-346
HNHEZ07	5026	953438	AC024076	31439	1-281
HNHEZ07	5026	953438	AC010247	31440	1-356
HNHEZ07	5026	953438	AC010247	31441	1-70 203-234 396-488 3041-3137 4906-5331
HNHEZ19	5028	887442	AC022098	31442	1-310
HNHEZ19	5028	887442	AC011509	31443	1-309
HNHEZ19	5028	887442	AC022098	31444	1-195
HNHEZ19	5028	887442	AC022098	31445	1-228
HNHEZ19	5028	887442	AC011509	31446	1-156
HNHEZ19	5028	887442	AC011509	31447	1-195
HNHFA05	5029	860033	AC016673	31448	1-498
HNHFA35	5031	577302	AC008744	31449	1-680
HNHFA35	5031	577302	AC008744	31450	1-86

HNHFA35	5031	577302	AC008744	31451	1-398
HNHFA59	5032	576394	AC010896	31452	1-708
HNHFA59	5032	576394	AC010896	31453	1-110
HNHFA59	5032	576394	AC010896	31454	1-383
HNHFB09	5033	575786	AC016482	31455	1-144
HNHFB19	5034	668713	AC002073	31456	1-278
HNHFB19	5034	668713	AC005478	31457	1-463
HNHFB19	5034	668713	AC002073	31458	1-87
HNHFB19	5034	668713	AC005478	31459	1-83
HNHFB27	5035	576865	AC016026	31460	1-422
HNHFB27	5035	576865	AC007845	31461	1-422
HNHFB27	5035	576865	AC016025	31462	1-422
HNHFB27	5035	576865	AC007845	31463	1-163
HNHFB27	5035	576865	AC016025	31464	1-163
HNHFB32	5036	836006	AL139823	31465	1-384
HNHFB32	5036	836006	AL139823	31466	1-509
hnffb53	5038	728265	AC025559	31467	1-406
hnffb53	5038	728265	AC068737	31468	1-406
hnffb53	5038	728265	AC068737	31469	1-345
hnffb53	5038	728265	AC025559	31470	1-534
hnffb53	5038	728265	AC068737	31471	1-534
HNHFC34	5039	860027	AC011168	31472	1-384
HNHFC34	5039	860027	AC019268	31473	1-384
HNHFC34	5039	860027	AL355883	31474	1-384
HNHFC34	5039	860027	AC016328	31475	1-384
HNHFC34	5039	860027	AC019268	31476	1-299
HNHFC34	5039	860027	AC011168	31477	1-299
HNHFC34	5039	860027	AL355883	31478	1-32 1179-1460 2352-2738 4088-4385
HNHFC34	5039	860027	AC016328	31479	1-296
HNHFC60	5041	576438	AC034133	31480	1-527
HNHFC60	5041	576438	AC027221	31481	1-527
HNHFC60	5041	576438	AC007375	31482	1-527
HNHFC61	5042	577185	AP001937	31483	1-480
HNHFC61	5042	577185	AC011208	31484	1-480
HNHFC67	5043	576385	AC015685	31485	1-355
HNHFC67	5043	576385	AP000781	31486	1-354
HNHFC92	5045	577240	AC004882	31487	1-63 932-1016 1745-2046 3528-3603 6176-6389 6541-6678 10326-10403 11550-11650 12164-12307 13671-13781 16746-16862 17161-17300 17965-18082 18607-18827 20176-20280 23535-23663 26778-26943

					34267-34409 35110-35302 37107-37780 40126-41765
HNHFC92	5045	577240	AC005529	31488	1-63 932-1016 1925-2046 3528-3603 6176-6389 6541-6678 10326-10403 11550-11650 13671-13781 16754-16870 17169-17308 17973-18090 18615-18835 20184-20288 23543-23671 26786-26951 35117-35309 37114-37787 40133-41772
HNHFC92	5045	577240	AC004882	31489	1-2108
HNHFC92	5045	577240	AC005529	31490	1-2108
HNHFD46	5046	576796	AC073314	31491	1-697
HNHFD46	5046	576796	AC004932	31492	1-697
HNHFE07	5048	953585	AC034251	31493	1-97
HNHFE07	5048	953585	AC013668	31494	1-97
HNHFE69	5050	577244	AC023479	31495	1-138 530-782 940-1369 2276-3375
HNHFE69	5050	577244	AL162587	31496	1-430
HNHFE69	5050	577244	AL136231	31497	1-430
HNHFE69	5050	577244	AC023479	31498	1-624
HNHFE69	5050	577244	AL162587	31499	1-253
HNHFE69	5050	577244	AL162587	31500	1-2157
HNHFE69	5050	577244	AL136231	31501	1-253
HNHFE69	5050	577244	AL136231	31502	1-2157
HNHFF08	5051	860229	AC027802	31503	1-117
HNHFF29	5053	576412	AC004618	31504	1-317
HNHFF29	5053	576412	AC004618	31505	1-88
HNHFG07	5055	953569	AC027209	31506	1-389
HNHFG07	5055	953569	AC027181	31507	1-389
HNHFG07	5055	953569	AC026900	31508	1-389
HNHFG07	5055	953569	AC027209	31509	1-287 431-594 614-781 851-916
HNHFG07	5055	953569	AC027181	31510	1-165 185-349
HNHFG07	5055	953569	AC026900	31511	1-581
HNHFG07	5055	953569	AC027209	31512	1-581
HNHFG07	5055	953569	AC027181	31513	1-581
HNHFG07	5055	953569	AC026900	31514	1-288

					431-595 615-773 850-915
HNHFG11	5056	967255	AC073355	31515	1-521
HNHFG94	5058	720292	AL354832	31516	1-408
HNHFG94	5058	720292	AL121777	31517	1-408
HNHFG94	5058	720292	AL354813	31518	1-408
HNHFG94	5058	720292	AL354832	31519	1-121
HNHFG94	5058	720292	AL121777	31520	1-121
HNHFG94	5058	720292	AL354813	31521	1-121
HNHFH78	5061	773610	AL354832	31522	1-395
HNHFH78	5061	773610	AL354813	31523	1-395
HNHFH78	5061	773610	AL121777	31524	1-395
HNHFH78	5061	773610	AL354832	31525	1-324
HNHFH78	5061	773610	AL354813	31526	1-324
HNHFH78	5061	773610	AL354813	31527	1-118
HNHFI69	5062	575747	AC009943	31528	1-357
HNHFI69	5062	575747	AC009943	31529	1-340
HNHFI88	5063	575751	AC044894	31530	1-341
HNHFI95	5064	577328	AC064824	31531	1-739
HNHFK37	5067	576386	AL135789	31532	1-443
HNHFK37	5067	576386	AL135789	31533	1-155
HNHFK77	5068	970770	AC016385	31534	1-169 5887-6120 6436-6601 7344-7788 7953-8036 8065-8657 8968-10231
HNHFK77	5068	970770	AC015802	31535	1-169 5878-6111 6427-6592 7335-7779 7944-8027 8056-8650 8960-10223
HNHFK77	5068	970770	AC016385	31536	1-298
HNHFK77	5068	970770	AC015802	31537	1-298
HNHFK77	5068	970770	AC015802	31538	1-436 2035-2097
HNHFL48	5069	664588	AC021207	31539	1-334
HNHFL48	5069	664588	AC021207	31540	1-334
HNHFL48	5069	664588	AC021207	31541	1-309
HNHFL48	5069	664588	AC021207	31542	1-493
HNHFL48	5069	664588	AC021207	31543	1-398
HNHFL48	5069	664588	AC021207	31544	1-301
HNHFL48	5069	664588	AC021207	31545	1-398
HNHFM01	5071	916787	AL096757	31546	1-303
HNHFM01	5071	916787	AL133456	31547	1-303
HNHFM32	5072	577331	AC040991	31548	1-72 313-485 609-982 1371-1523
HNHFM32	5072	577331	AC024009	31549	1-72 313-485 609-982

					1371-1523
HNHFM32	5072	577331	AC053503	31550	1-178 2221-2305 2546-2718 2842-3215 3604-3756
HNHFM32	5072	577331	AC053503	31551	1-332
HNHFM32	5072	577331	AC040991	31552	1-332
HNHFM32	5072	577331	AC024009	31553	1-332
HNHFN30	5073	691083	AL390958	31554	1-238
HNHFN30	5073	691083	AL137126	31555	1-238
HNHFN30	5073	691083	AL390958	31556	1-394
HNHFN30	5073	691083	AL390958	31557	1-114
HNHFN30	5073	691083	AL137126	31558	1-394
HNHFN30	5073	691083	AL137126	31559	1-114
HNHFO45	5076	576408	AC011573	31560	1-423
HNHFO45	5076	576408	AL355338	31561	1-423
HNHFP09	5078	860013	AL031590	31562	1-343
HNHFP09	5078	860013	AL031590	31563	1-296
HNHFP10	5079	964849	AC019317	31564	1-488
HNHFP10	5079	964849	AC019317	31565	1-127
HNHFQ01	5080	916773	AP002351	31566	1-350
HNHFQ75	5083	766595	AC021185	31567	1-270
HNHFQ88	5084	576398	AC073132	31568	1-446
HNHFQ88	5084	576398	AC005592	31569	1-446
HNHFQ88	5084	576398	AC005592	31570	1-102
HNHFQ92	5085	576400	AC074338	31571	1-167
HNHFR22	5087	964716	AC024005	31572	1-444
HNHFR22	5087	964716	AL356512	31573	1-444
HNHFR22	5087	964716	AC024005	31574	1-98
HNHFR22	5087	964716	AL356512	31575	1-98
HNHFR24	5088	577330	AC011646	31576	1-326
HNHFR24	5088	577330	AC012347	31577	1-326
HNHFR24	5088	577330	AL365320	31578	1-326
HNHFR67	5089	751787	AC016689	31579	1-343
HNHFR67	5089	751787	AC016689	31580	1-1507
HNHFS03	5090	924610	AC023320	31581	1-140 3645-4220
HNHFS03	5090	924610	AC023320	31582	1-164
HNHFS03	5090	924610	AC023320	31583	1-401
HNHFS79	5091	734798	AC005747	31584	1-429
HNHFS79	5091	734798	AC005747	31585	1-208
HNHFU09	5092	625726	AC067953	31586	1-439
HNHFU09	5092	625726	AC067953	31587	1-470
HNHFU09	5092	625726	AC067953	31588	1-297
HNHFU35	5093	707335	AC011406	31589	1-310
HNHFU35	5093	707335	AC011406	31590	1-474 3695-3832 4287-4588 5632-5814 8606-8771 10386-10519 10837-11342 11353-11577 12842-13034 14109-14205

					14338-14519 15097-15342 16543-16771
HNHFU45	5094	920844	AL109758	31591	1-451
HNHFU45	5094	920844	AL117692	31592	1-451
HNHFU45	5094	920844	AL117692	31593	1-419
HNHFU57	5095	860002	AC015938	31594	1-442
HNHFU57	5095	860002	AC015938	31595	1-109
HNHFU57	5095	860002	AC015938	31596	1-189
HNHFV52	5097	576390	AC011471	31597	1-389
HNHFV52	5097	576390	AC011471	31598	1-355
HNHFW08	5102	959476	AC022795	31599	1-300
HNHFW08	5102	959476	AL161904	31600	1-120
HNHFW08	5102	959476	AC032044	31601	1-281
HNHFW08	5102	959476	AC036206	31602	1-257
HNHFW08	5102	959476	AC034243	31603	1-312 2334-2364
HNHFW08	5102	959476	AC053546	31604	1-444
HNHFW08	5102	959476	AC016615	31605	1-300
HNHFW08	5102	959476	AC024380	31606	1-444
HNHFW08	5102	959476	AC005197	31607	1-243 772-824 1756-1999 2978-3035 4341-5379 6108-6219 6943-7024 8370-8527 11341-11417 11851-11924 12065-12280
HNHFW08	5102	959476	AC053546	31608	1-488
HNHFW08	5102	959476	AC024380	31609	1-488
HNHFW29	5103	663912	AC009608	31610	1-425
HNHFW29	5103	663912	AC021420	31611	1-104 1645-1817 5179-5388 7709-7923 8276-8469 9662-10086 10916-11067 11507-11915 14404-14441
HNHFW29	5103	663912	AC021420	31612	1-129
HNHFX35	5105	668656	AC005519	31613	1-350
HNHFX35	5105	668656	AC005519	31614	1-458
HNHFX68	5107	753045	AC004468	31615	1-121
HNHFX68	5107	753045	AC012042	31616	1-121
HNHFX68	5107	753045	AC004468	31617	1-101
HNHFX68	5107	753045	AC012042	31618	1-101
HNHFX70	5108	756459	AC055890	31619	1-418
HNHFX70	5108	756459	AL158133	31620	1-418
HNHFX70	5108	756459	AL121750	31621	1-418
HNHFX70	5108	756459	AC055890	31622	1-441
HNHFX70	5108	756459	AL158133	31623	1-437
HNHFX70	5108	756459	AL158133	31624	1-508

HNHFX70	5108	756459	AL121750	31625	1-437
HNHFX70	5108	756459	AL121750	31626	1-508
HNHFX89	5109	712347	AC073426	31627	1-409
HNHFY21	5110	670946	AC008114	31628	1-415
HNHFY21	5110	670946	AC008114	31629	1-87
HNHFY95	5111	734764	AC013553	31630	1-424
HNHGA24	5112	967093	AC023256	31631	1-441
HNHGA24	5112	967093	AC023256	31632	1-367
HNHGA33	5113	702461	AL353731	31633	1-208
HNHGA33	5113	702461	AL353731	31634	1-302
HNHGA33	5113	702461	AL353731	31635	1-427
HNHGB83	5115	781205	AC006512	31636	1-751
HNHGB96	5116	784362	AL133266	31637	1-405
HNHGB96	5116	784362	AC009282	31638	1-405
HNHGB96	5116	784362	AL133266	31639	1-418
HNHGB96	5116	784362	AC009282	31640	1-655
HNHGC13	5117	927065	AC068786	31641	1-431
HNHGC13	5117	927065	AC008891	31642	1-419
HNHGC13	5117	927065	AC068786	31643	1-116
HNHGC13	5117	927065	AC008891	31644	1-106
HNHGC35	5118	707337	AP000859	31645	1-108 205-628 1117-1259 1538-1745 2172-2690 2786-3154 3246-3403 4031-4131 4234-6030 6184-7366
HNHGC35	5118	707337	AC018780	31646	1-108 205-627 1088-1230 1509-1716 2143-2661 2757-3125 3217-3374 4002-4102 4205-6001 6155-7337
HNHGC35	5118	707337	AP001785	31647	1-99 368-765 963-1141 1966-2078 2175-2597 3058-3200 3479-3686 4113-4631 4727-5095 5187-5344 5973-6073 6176-7972 8126-9308
HNHGC35	5118	707337	AP000859	31648	1-428
HNHGC35	5118	707337	AC018780	31649	1-428
HNHGC35	5118	707337	AP001785	31650	1-224

HNHGC35	5118	707337	AP001785	31651	1-428
HNHGC41	5119	711654	AC017068	31652	1-265
HNHGC62	5120	733745	AC013474	31653	1-305
HNHGD14	5122	920149	AL139352	31654	1-1091 2753-2852 3172-3427 3804-4242 6817-7289 8047-8270 10455-10920 12717-12818 13003-13255
HNHGD14	5122	920149	AL139352	31655	1-559
HNHGD50	5123	667930	AL162738	31656	1-58 67-197
HNHGD50	5123	667930	AC004778	31657	1-345
HNHGD50	5123	667930	AL162738	31658	1-131
HNHGD50	5123	667930	AC004778	31659	1-119
HNHGD51	5124	934632	AC023953	31660	1-390
HNHGD51	5124	934632	AC005043	31661	1-390
HNHGD51	5124	934632	AL035417	31662	1-378
HNHGD68	5125	753053	AC023943	31663	1-417
HNHGD84	5126	671077	AC058801	31664	1-424
HNHGD84	5126	671077	AC005242	31665	1-424
HNHGE09	5127	939727	AC021605	31666	1-519
HNHGE09	5127	939727	AC021605	31667	1-567
HNHGE27	5128	683432	AP002386	31668	1-365
HNHGE27	5128	683432	AP001922	31669	1-190
HNHGE27	5128	683432	AP000649	31670	1-371
HNHGE27	5128	683432	AP001142	31671	1-373
HNHGE27	5128	683432	AC011256	31672	1-373
HNHGE27	5128	683432	AP000649	31673	1-586
HNHGE27	5128	683432	AP001142	31674	1-586
HNHGE27	5128	683432	AC011256	31675	1-586
HNHGE43	5129	715304	AL031311	31676	1-321
HNHGE43	5129	715304	AL031311	31677	1-117
HNHGE64	5130	746605	AC009622	31678	1-310
HNHGE64	5130	746605	AF216667	31679	1-310
HNHGE64	5130	746605	AF257497	31680	1-314
HNHGF14	5131	835984	AC074011	31681	1-426
HNHGF37	5133	708708	AL022097	31682	1-527
HNHGF37	5133	708708	AL022097	31683	1-637
HNHGF85	5136	761811	AC005089	31684	1-429
HNHGF85	5136	761811	AC073846	31685	1-528
HNHGF85	5136	761811	AC005089	31686	1-983
HNHGF85	5136	761811	AC073846	31687	1-983
HNHGF90	5137	730957	AC025839	31688	1-420
HNHGG06	5139	935530	AC007480	31689	1-195 1008-1190 1324-1759 4663-5658
HNHGG06	5139	935530	AC022332	31690	1-57 874-1048 4525-4914 5005-5293
HNHGG06	5139	935530	AC022332	31691	1-1019

HNHGG73	5140	764446	AC010938	31692	1-290
HNHGG76	5141	746607	Z99716	31693	1-379
HNHGG76	5141	746607	Z99716	31694	1-1504
HNHGG76	5141	746607	Z99716	31695	1-82
HNHGG89	5142	772213	AC021470	31696	1-299
HNHGG89	5142	772213	AC024149	31697	1-299
HNHGG95	5144	760386	AC004894	31698	1-411
HNHGG95	5144	760386	AL136308	31699	1-411
HNHGG95	5144	760386	AC004894	31700	1-348
HNHGG95	5144	760386	AL136308	31701	1-348
HNHGH02	5145	920147	AC073314	31702	1-542
HNHGH02	5145	920147	AC073314	31703	1-172
HNHGH42	5147	713036	AC040895	31704	1-440
HNHGH42	5147	713036	AC002369	31705	1-586 2559-2651 3329-3426 3756-5088
HNHGH42	5147	713036	AC002369	31706	1-228
HNHGI79	5149	775218	AL121715	31707	1-388
HNHGI81	5150	576279	AC010881	31708	1-427
HNHGI81	5150	576279	AC011593	31709	1-673
HNHGJ03	5151	968076	AL160271	31710	1-440
HNHGJ03	5151	968076	AL160271	31711	1-355
HNHGJ09	5152	625624	AC010616	31712	1-401
HNHGJ09	5152	625624	AC010616	31713	1-304
HNHGJ20	5153	668916	AL022341	31714	1-406
HNHGJ20	5153	668916	AL022341	31715	1-285
HNHGJ39	5155	850088	AC007950	31716	1-1059
HNHGJ39	5155	850088	AC023591	31717	1-1166
HNHGJ39	5155	850088	AC023591	31718	1-417
HNHGJ39	5155	850088	AC023591	31719	1-409
HNHGJ65	5156	750269	AC073368	31720	1-105 126-410
HNHGJ65	5156	750269	AC073176	31721	1-460
HNHGJ65	5156	750269	AC023639	31722	1-460
HNHGJ81	5157	777958	AC064810	31723	1-619 857-1946 1978-2599 2751-3035 3195-4217
HNHGJ81	5157	777958	AC013271	31724	1-1549 1582-2203 2466-2596 2778-3799
HNHGJ81	5157	777958	AC013464	31725	1-2288 2315-2936 3072-3181 3521-4543 4991-5722
HNHGJ81	5157	777958	AC012487	31726	1-2294 2340-2961 3399-4421 4868-5603 6712-6836 7123-7936 8075-8607

					10495-10669
HNHGJ81	5157	777958	AC009963	31727	1-2287 2314-2935 3518-4540 4988-5719
HNHGJ81	5157	777958	AC064810	31728	1-153
HNHGJ81	5157	777958	AC013271	31729	1-312
HNHGJ81	5157	777958	AC013464	31730	1-125
HNHGJ81	5157	777958	AC013464	31731	1-289
HNHGJ81	5157	777958	AC012487	31732	1-289
HNHGJ81	5157	777958	AC012487	31733	1-260
HNHGJ81	5157	777958	AC009963	31734	1-289
HNHGJ81	5157	777958	AC009963	31735	1-125
HNHGK05	5158	935525	AF064865	31736	1-151 1116-1553 3719-3817 5413-5509
HNHGK05	5158	935525	AF064862	31737	1-151 1116-1553 3717-3815 5385-5481
HNHGK24	5159	783674	AC023577	31738	1-910
HNHGK24	5159	783674	AC027005	31739	1-910
HNHGK24	5159	783674	AC023577	31740	1-217
HNHGN17	5161	663923	AC008758	31741	1-145 1247-1498 1673-1789 2621-2942 3568-3676 5722-5903 5961-6300 9277-9419 9486-9691
HNHGN17	5161	663923	AC008758	31742	1-369
HNHGO21	5162	670955	AC016816	31743	1-283
HNHGO65	5163	750267	AC068329	31744	1-133
HNHGO65	5163	750267	AP002781	31745	1-133
HNHGO68	5164	732370	AP001395	31746	1-418
HNHGO68	5164	732370	AC011814	31747	1-418
HNHGO68	5164	732370	AC012254	31748	1-418
HNHGO68	5164	732370	AP001395	31749	1-548
HNHGO68	5164	732370	AC011814	31750	1-780
HNHGO68	5164	732370	AC011814	31751	1-354
HNHGO68	5164	732370	AC012254	31752	1-278
HNHGP08	5165	859964	AC011420	31753	1-398
HNHGP08	5165	859964	AC024587	31754	1-402
HNHGP08	5165	859964	AC008586	31755	1-402
HNHGP31	5166	698047	AC025638	31756	1-545
HNHGP32	5167	699292	AC019023	31757	1-449
HNHGP32	5167	699292	AC019023	31758	1-223
HNHGP40	5168	916551	AC074374	31759	1-443
HNHGP40	5168	916551	AC026843	31760	1-443
HNHGP40	5168	916551	AC074374	31761	1-104
HNHGP40	5168	916551	AC026843	31762	1-98
HNHGP73	5169	934446	AC010906	31763	1-874
HNHGP73	5169	934446	AC010906	31764	1-202

HNHGP73	5169	934446	AC010906	31765	1-190
HNHGP83	5170	780328	AP002473	31766	1-888
HNHGP83	5170	780328	AC007989	31767	1-888
HNHGP83	5170	780328	AP002473	31768	1-253
HNHGP83	5170	780328	AC007989	31769	1-253
HNHGQ25	5172	678151	AP002794	31770	1-433
HNHGQ25	5172	678151	AC015951	31771	1-433
HNHGQ28	5173	859965	AL136099	31772	1-440
HNHGQ28	5173	859965	AL136099	31773	1-523
HNHGQ49	5174	573340	AC007339	31774	1-463
HNHGR35	5176	698501	AC015566	31775	1-394
HNHGR35	5176	698501	AC015958	31776	1-394
HNHGR35	5176	698501	AC007941	31777	1-394
HNHGR35	5176	698501	AC015566	31778	1-663
HNHGR35	5176	698501	AC015958	31779	1-86
HNHGR35	5176	698501	AC007941	31780	1-663
HNHGR35	5176	698501	AC007941	31781	1-86
HNHGR43	5177	918711	AC073075	31782	1-181 471-612 794-1000 1005-1339 1420-1548 1988-2456 2469-2757 3189-3516 3973-4268 4298-4694
HNHGR43	5177	918711	AC073075	31783	1-208
HNHGR43	5177	918711	AC073075	31784	1-386
HNHGS34	5178	706671	AL096838	31785	1-426
HNHGS34	5178	706671	AL117391	31786	1-426
HNHGS34	5178	706671	AL096838	31787	1-432
HNHGS34	5178	706671	AL117391	31788	1-432
HNHGS34	5178	706671	AL096838	31789	1-420
HNHGS34	5178	706671	AL117391	31790	1-420
HNHGT51	5180	859962	AC022809	31791	1-444
HNHGT64	5181	725710	AC022763	31792	1-324
HNHGU19	5183	668693	AL157895	31793	1-405
HNHGU19	5183	668693	AL353147	31794	1-408
HNHGU19	5183	668693	AL157895	31795	1-391
HNHGU19	5183	668693	AL353147	31796	1-391
HNHGU41	5184	791822	AC012046	31797	1-507
HNHGU41	5184	791822	AC069262	31798	1-521
HNHGU41	5184	791822	AC023437	31799	1-521
HNHGU41	5184	791822	AC069262	31800	1-397
HNHGU41	5184	791822	AC023437	31801	1-397
HNHGU44	5185	716634	AL161937	31802	1-451
HNHGU44	5185	716634	AL161937	31803	1-446
HNHGV18	5188	666473	AC027014	31804	1-399
HNHGV18	5188	666473	AP002767	31805	1-400
HNHGV18	5188	666473	AP002365	31806	1-399
HNHGV18	5188	666473	AP000977	31807	1-399
HNHGV18	5188	666473	AP002365	31808	1-436
HNHGV22	5189	674653	AL354979	31809	1-400
HNHGV22	5189	674653	AL137846	31810	1-400
HNHGV22	5189	674653	AL354979	31811	1-153

HNHGV22	5189	674653	AL354979	31812	1-303 544-590
HNHGV22	5189	674653	AL137846	31813	1-153
HNHGV22	5189	674653	AL137846	31814	1-303 544-590
HNHGV29	5190	421819	AC068440	31815	1-319
HNHGV29	5190	421819	AL020994	31816	1-319
HNHGV29	5190	421819	AC068440	31817	1-303
HNHGV29	5190	421819	AL020994	31818	1-303
HNHGV91	5192	706695	AL022068	31819	1-395
HNHGV91	5192	706695	AL022068	31820	1-1338
HNHGX33	5193	496224	AP000271	31821	1-324
HNHGX33	5193	496224	AC068403	31822	1-324
HNHGX33	5193	496224	AP000104	31823	1-324
HNHGX33	5193	496224	AP000180	31824	1-324
HNHGX33	5193	496224	AF165423	31825	1-324
HNHGX41	5195	711657	AC008876	31826	1-486
HNHGX55	5197	683523	AC026999	31827	1-303
HNHGX55	5197	683523	AC025273	31828	1-606
HNHGX55	5197	683523	AC008915	31829	1-606
HNHGX55	5197	683523	AC025273	31830	1-143
HNHGX55	5197	683523	AC008915	31831	1-296
HNHGX55	5197	683523	AC025273	31832	1-308 2067-2702 2771-2882
HNHGX55	5197	683523	AC008915	31833	1-143
HNHGX83	5198	781196	AC021513	31834	1-536
HNHGX83	5198	781196	AC006079	31835	1-536
HNHGY13	5199	657253	AL031732	31836	1-380
HNHGY13	5199	657253	AL031732	31837	1-459
HNHGY17	5200	663921	AC040945	31838	1-418
HNHGY18	5201	859951	AC063926	31839	1-423
HNHGY19	5202	835531	AC017080	31840	1-429
HNHGY19	5202	835531	AC016731	31841	1-429
HNHGY19	5202	835531	AC017080	31842	1-949 966-1124 1262-2629
HNHGY19	5202	835531	AC017080	31843	1-351
HNHGY19	5202	835531	AC016731	31844	1-949 966-1124 1261-2628
HNHGY19	5202	835531	AC016731	31845	1-351
HNHGY26	5203	859949	AC024278	31846	1-441
HNHGY26	5203	859949	AC013725	31847	1-318 404-925 1232-1451 2431-2910
HNHGY26	5203	859949	AC013725	31848	1-153
HNHGY26	5203	859949	AC013725	31849	1-156
HNHGY29	5204	690666	AL096838	31850	1-989
HNHGY29	5204	690666	AL117391	31851	1-989
HNHGY29	5204	690666	AL096838	31852	1-381
HNHGY29	5204	690666	AL117391	31853	1-381
HNHGY42	5205	713797	AC011670	31854	1-416
HNHGY42	5205	713797	AC008951	31855	1-416
HNHGY42	5205	713797	AC012660	31856	1-416

HNHGY47	5206	720360	AC008616	31857	1-62 2142-2269 4057-4417 6830-7101 7587-7629 7724-7840 8216-8330 9143-9431 9516-10176 10806-11253 11680-11957 12592-12744 12977-13310 14040-14160 14611-15214 17496-17632 18530-18836 19161-19280 19688-19819 22277-23130
HNHGY79	5207	775209	AC037454	31858	1-440
HNHGY79	5207	775209	AC022028	31859	1-440
HNHGY86	5208	785516	AC018406	31860	1-387
HNHGY86	5208	785516	AC012280	31861	1-458
HNHGY86	5208	785516	AC012280	31862	1-232
HNHGY91	5209	840129	AC016976	31863	1-425
HNHGY91	5209	840129	AC058805	31864	1-425
HNHGY91	5209	840129	AC027764	31865	1-425
HNHGY91	5209	840129	AC016976	31866	1-301
HNHGY91	5209	840129	AC058805	31867	1-285
HNHGY91	5209	840129	AC027764	31868	1-285
HNHGY91	5209	840129	AC016976	31869	1-285
HNHGY91	5209	840129	AC027764	31870	1-301
HNHGZ36	5210	708131	AC074236	31871	1-192
HNHGZ36	5210	708131	AC009269	31872	1-192
HNHGZ36	5210	708131	AC074236	31873	1-308
HNHGZ36	5210	708131	AC074236	31874	1-411
HNHGZ36	5210	708131	AC009269	31875	1-411
HNHGZ36	5210	708131	AC009269	31876	1-313
HNHGZ63	5211	742594	AL135785	31877	1-528
HNHHA21	5212	496227	AC068874	31878	1-390
HNHHA21	5212	496227	AC024725	31879	1-390
HNHHA32	5213	669915	AC004819	31880	1-323
HNHHA32	5213	669915	AC004819	31881	1-113
HNHHA37	5214	708709	AC026818	31882	1-365
HNHHA37	5214	708709	AC026818	31883	1-351
HNHHA68	5215	753047	AL132711	31884	1-698
HNHHA91	5216	790198	AC023954	31885	1-312
HNHHB12	5218	970719	AL136297	31886	1-426
HNHHB12	5218	970719	AL356802	31887	1-426
HNHHB24	5219	677224	AL135785	31888	1-339
HNHHB24	5219	677224	AL135785	31889	1-1603
HNHHB64	5220	702697	AC073880	31890	1-2201
HNHHB64	5220	702697	AC073880	31891	1-439
HNHHC12	5221	967088	AL139092	31892	1-300
HNHHC12	5221	967088	AC013339	31893	1-301

HNHHC12	5221	967088	AL139092	31894	1-326
HNHHC12	5221	967088	AC013339	31895	1-326
HNHHC29	5223	713800	AC010802	31896	1-684
HNHHC29	5223	713800	AC010802	31897	1-361
HNHHC33	5224	699291	AL080239	31898	1-314
HNHHC46	5226	719068	AC072045	31899	1-692
HNHHC46	5226	719068	AC021026	31900	1-693
HNHHC46	5226	719068	AC021026	31901	1-164
HNHHC46	5226	719068	AC021026	31902	1-989 1009-3730 3912-7267 8220-8739
HNHHC58	5227	736069	AC024606	31903	1-104 2128-2391
HNHHC83	5228	781197	AC068226	31904	1-353
HNHHD61	5230	741837	AC016570	31905	1-234
HNHHD67	5231	751663	AL359260	31906	1-68 575-687 867-1608 1878-2053 3224-3377 3417-3566
HNHHD82	5232	779893	AC009118	31907	1-427
HNHHD82	5232	779893	AC009118	31908	1-639
HNHHE07	5233	953408	AL365232	31909	1-413
HNHHE07	5233	953408	AL365232	31910	1-191
HNHHE07	5233	953408	AL365232	31911	1-1289
HNHHE48	5234	630223	AL357634	31912	1-293
HNHHE80	5236	774041	AL353135	31913	1-334
HNHHE80	5236	774041	AL079342	31914	1-334
HNHHF01	5237	916546	AC007595	31915	1-56 66-240 3316-3450 3555-3657 5639-5956 6162-6326 6489-6618 8770-8843 10956-11059 11883-11917 12854-12950 14037-14193 17529-17639 17843-18230 18375-18687 21083-21205 22737-23260 23806-24486 24743-25544 25930-26329 26338-26372
HNHHF01	5237	916546	AC074136	31916	1-123 1653-2176 2722-3402 3658-4458 4844-5243 5252-5286

HNHHF01	5237	916546	AC007595	31917	1-156
HNHHF01	5237	916546	AC074136	31918	1-156
HNHHF33	5238	698502	AC068473	31919	1-255
HNHHF33	5238	698502	AC013563	31920	1-255
HNHHF33	5238	698502	AC068473	31921	1-1197
HNHHF33	5238	698502	AC013563	31922	1-1200
HNHHF51	5239	698490	AC010973	31923	1-366
HNHHF51	5239	698490	AC010973	31924	1-306
HNHHF51	5239	698490	AC010973	31925	1-212
HNHHF56	5240	496204	AC006427	31926	1-357
HNHHF58	5241	859946	AC009482	31927	1-180
HNHHF79	5243	775205	AC046176	31928	1-425
HNHHF79	5243	775205	AC018607	31929	1-422
HNHHG50	5246	724411	AL157905	31930	1-350
HNHHG65	5247	750266	AC008721	31931	1-763 766-4148 4298-4625 19518-19751 21602-21850 22370-22977
HNHHG65	5247	750266	AC010424	31932	1-249
HNHHG65	5247	750266	AC022118	31933	1-249
HNHHG65	5247	750266	AC008721	31934	1-105 464-1553
HNHHG65	5247	750266	AC010424	31935	1-352
HNHHG65	5247	750266	AC022118	31936	1-352
HNHHG65	5247	750266	AC008721	31937	1-399
HNHHH13	5248	657251	AC010980	31938	1-260
HNHHH42	5249	713796	AC068368	31939	1-377
HNHHH42	5249	713796	AC019294	31940	1-375
HNHHH57	5250	734793	AC012671	31941	1-740
HNHHI34	5253	706699	AL109657	31942	1-413
HNHHI36	5254	708132	AL031123	31943	1-343 2325-2587 8110-8665 11123-11571 13543-13868
HNHHI36	5254	708132	AL031123	31944	1-533
HNHHI65	5255	750263	AC027105	31945	1-356
HNHHI65	5255	750263	AL132838	31946	1-356
HNHHI65	5255	750263	AL122023	31947	1-356
HNHHI65	5255	750263	AC027105	31948	1-106
HNHHI65	5255	750263	AC027105	31949	1-311
HNHHI65	5255	750263	AL132838	31950	1-106
HNHHI65	5255	750263	AL132838	31951	1-311
HNHHI65	5255	750263	AL122023	31952	1-311
HNHHK06	5257	935517	AC005280	31953	1-434
HNHHK06	5257	935517	AC005280	31954	1-331
HNHHK06	5257	935517	AC005280	31955	1-144
HNHHK39	5258	937598	AC020688	31956	1-409
HNHHK46	5259	718081	AC021294	31957	1-387
HNHHK46	5259	718081	AC021294	31958	1-269
HNHHK62	5260	741835	AC026668	31959	1-220
HNHHK84	5262	781980	AC016320	31960	1-925
HNHHK84	5262	781980	AC016320	31961	1-428
HNHHK93	5263	792326	AC012211	31962	1-555

HNHHK93	5263	792326	AC012212	31963	1-555
HNHHL22	5264	674617	AC021380	31964	1-345
HNHHL22	5264	674617	AC073608	31965	1-346
HNHHL22	5264	674617	AC017064	31966	1-345
HNHHL70	5265	757201	AL358791	31967	1-338
HNHHL70	5265	757201	AC018933	31968	1-338
HNHHL74	5266	765598	AC011367	31969	1-226
HNHHL74	5266	765598	AC011371	31970	1-226
HNHHL74	5266	765598	AC008533	31971	1-226
HNHHL92	5267	756587	AL390855	31972	1-255
HNHHL92	5267	756587	AL031726	31973	1-255
HNHHM10	5268	964656	AC010246	31974	1-188 513-638 837-1165 1533-1764
HNHHM17	5269	661964	AC009450	31975	1-176
HNHHM17	5269	661964	AC016805	31976	1-176
HNHHM25	5270	678144	AL356459	31977	1-626 648-2813
HNHHM25	5270	678144	AL356780	31978	1-626 648-2813
HNHHM25	5270	678144	AL137791	31979	1-152 1807-1923 2207-2317 2413-2615 2961-3066 5426-5706 5723-6349 6370-8535
HNHHM25	5270	678144	AL356459	31980	1-295
HNHHM25	5270	678144	AL356459	31981	1-147
HNHHM25	5270	678144	AL356780	31982	1-295
HNHHM25	5270	678144	AL356780	31983	1-286
HNHHM25	5270	678144	AL137791	31984	1-295
HNHHM28	5271	575451	AC005899	31985	1-148 2005-2376 2381-3030 3051-3637 4232-4495 6834-7435 7490-7627 7961-8282 8967-9617 9695-10208 10276-10963 11105-12625 13553-13656 13671-15278 15893-16006 16052-16580 17400-19309 19420-23394
HNHHM28	5271	575451	AC005899	31986	1-173
HNHHM28	5271	575451	AC005899	31987	1-361
HNHHM35	5272	706667	AC007446	31988	1-326
HNHHM35	5272	706667	AC068304	31989	1-326

HNHHM35	5272	706667	Z93021	31990	1-326
HNHHM37	5273	708715	AL139159	31991	1-153
HNHHM37	5273	708715	AL139159	31992	1-267
HNHHM52	5274	727166	AC023097	31993	1-328
HNHHM52	5274	727166	AC023097	31994	1-114
HNHHM55	5275	694373	AP001058	31995	1-268 923-1796 1816-1948 2113-2648
HNHHM55	5275	694373	AP001058	31996	1-701
HNHHM70	5276	757202	AC019345	31997	1-312
HNHHM70	5276	757202	AC024097	31998	1-312
HNHHM80	5277	880776	AL353674	31999	1-327
HNHHN03	5278	920129	AL355076	32000	1-459
HNHHN03	5278	920129	AC022722	32001	1-459
HNHHN03	5278	920129	AC022722	32002	1-102
HNHHN03	5278	920129	AL355076	32003	1-102
HNHHN07	5279	953393	AC074125	32004	1-352
HNHHN07	5279	953393	AC010605	32005	1-786
HNHHN07	5279	953393	AC020715	32006	1-786
HNHHN07	5279	953393	AC010605	32007	1-695
HNHHN07	5279	953393	AC020715	32008	1-695
HNHHN11	5280	964657	AC026985	32009	1-351
HNHHN11	5280	964657	AC040921	32010	1-354
HNHHN11	5280	964657	AC008742	32011	1-351
HNHHN19	5281	668681	AC011400	32012	1-348
HNHHN62	5283	745700	AC015863	32013	1-313
HNHHN62	5283	745700	AL359240	32014	1-313
HNHHN62	5283	745700	AC015863	32015	1-95
HNHHN62	5283	745700	AL359240	32016	1-95
HNHHN62	5283	745700	AC015863	32017	1-432
HNHHN62	5283	745700	AL359240	32018	1-432
HNHHN93	5284	751659	AL049845	32019	1-348
HNHHN93	5284	751659	AL049845	32020	1-211
HNHHO08	5285	953398	AC012360	32021	1-346
HNHHO15	5286	424836	AC078787	32022	1-339
HNHHO15	5286	424836	AC068844	32023	1-339
HNHHO49	5287	722991	AC026210	32024	1-347
HNHHO66	5288	727167	AC027095	32025	1-349
HNHHO66	5288	727167	AC027095	32026	1-100
HNHHO66	5288	727167	AC027095	32027	1-312
HNHHO79	5289	774038	AC007256	32028	1-756 1359-1792 2195-2339 2422-2808 3178-3467 5257-6123 6149-6711 7728-7791 8318-8742 9738-10216 11060-11179 12661-12990 13021-13362 15781-16264 19968-20346

					21276-21686 22068-22162 22868-23076 25538-25725 28584-28847 31108-31244 31459-31795 32376-32728 32954-33267 34110-34624 34755-35027 35167-35432 36573-36811 37572-37878 38117-38403 39266-39547 40642-41232 41831-42182 43251-43938
HNHHO79	5289	774038	AC074016	32029	1-920 1130-1836 2439-2872 3275-3419 4258-4547 6337-7203 7229-7791 8808-8871 9398-9822 10818-11295 12139-12258 13740-14069 14100-14441 16860-17343 21047-21425 22349-22765 23147-23241 23947-24155 26617-26804 29663-29926 32187-32323 32538-32874 33455-33807 34033-34346 35189-35703 35846-36106 36246-36511 37688-37890 38651-38957 39196-39482 40345-40626 41721-42311 42910-43261 44331-45017
HNHHO79	5289	774038	AC007256	32030	1-158
HNHHO79	5289	774038	AC074016	32031	1-116
HNHHP02	5290	920120	AP002440	32032	1-345
HNHHP04	5291	935501	AC021510	32033	1-313

HNHHP16	5292	661962	AC005596	32034	1-345
HNHHP16	5292	661962	AC005596	32035	1-486
HNHHP16	5292	661962	AC005596	32036	1-502
HNHHR04	5293	935502	AC009079	32037	1-350
HNHHR04	5293	935502	AC009079	32038	1-163
HNHHR04	5293	935502	AC009079	32039	1-310
HNHHR46	5294	720358	AF121897	32040	1-342
HNHHR46	5294	720358	AF121897	32041	1-163
HNHHR46	5294	720358	AF121897	32042	1-320
HNHHR93	5296	775194	AC026235	32043	1-414
HNHHR93	5296	775194	AL359923	32044	1-414
HNHHS46	5297	956186	AL137129	32045	1-1156
HNHHS46	5297	956186	AL137129	32046	1-1627
HNHHS74	5298	765584	AC005036	32047	1-420
HNHHS74	5298	765584	AC068551	32048	1-421
HNHHS74	5298	765584	AC005036	32049	1-555
HNHHS74	5298	765584	AC005036	32050	1-88 1080-1511
HNHHS74	5298	765584	AC068551	32051	1-555
HNHHS74	5298	765584	AC068551	32052	1-88 1080-1511
HNHHS76	5299	788913	AC011530	32053	1-228
HNHHS76	5299	788913	AC011530	32054	1-148
HNHHS76	5299	788913	AC011530	32055	1-545
HNHHS79	5300	775192	AC048371	32056	1-444
HNHHS79	5300	775192	AL133475	32057	1-444
HNHHS79	5300	775192	AC011851	32058	1-444
HNHHS79	5300	775192	AL132875	32059	1-444
HNHHT35	5301	707342	AL359734	32060	1-356
HNHHT35	5301	707342	AL359734	32061	1-172
HNHHT55	5302	465438	AC000093	32062	1-402
HNHHT55	5302	465438	AC000093	32063	1-282
HNHHT55	5302	465438	AC000093	32064	1-578
HNHHW01	5305	859935	Z98885	32065	1-424
HNHHW01	5305	859935	Z98885	32066	1-303
HNHHW32	5306	699255	AC011326	32067	1-443
HNHHW32	5306	699255	AC026328	32068	1-174 1130-1271 1297-1739 2193-2233
HNHHW32	5306	699255	AC026328	32069	1-827
HNHHW32	5306	699255	AC011326	32070	1-98
HNHHW58	5307	739288	AC024441	32071	1-1089
HNHHW58	5307	739288	AC068307	32072	1-1088
HNHHW58	5307	739288	AC024441	32073	1-115
HNHHW58	5307	739288	AC068307	32074	1-115
HNHHW61	5308	742071	AC009927	32075	1-1439
HNHHW73	5309	765588	AC008571	32076	1-389
HNHIA16	5311	661931	AC026847	32077	1-428
HNHIA16	5311	661931	AL118525	32078	1-428
HNHIA20	5312	669685	AC021164	32079	1-414
HNHIA20	5312	669685	AC021164	32080	1-120
HNHIA34	5313	706675	AC004559	32081	1-205
HNHIA58	5314	736046	AC019307	32082	1-431
HNHIA94	5317	970720	AC023356	32083	1-324

HNHIA94	5317	970720	AC013279	32084	1-324
HNHIA95	5318	908419	AC026487	32085	1-768 773-913 972-1251
HNHIB22	5319	967038	AC068134	32086	1-400
HNHIB22	5319	967038	AC068134	32087	1-476
HNHIB56	5320	734763	AC009130	32088	1-376
HNHIB56	5320	734763	AC023814	32089	1-376
HNHIB56	5320	734763	AC009093	32090	1-376
HNHIB56	5320	734763	AC009130	32091	1-368
HNHIB56	5320	734763	AC023814	32092	1-368
HNHIB56	5320	734763	AC009093	32093	1-368
HNHIC39	5323	705375	AL118500	32094	1-42 2151-3179 3809-4225 4438-4752
HNHIC39	5323	705375	AL121782	32095	1-42 2151-3179 3809-4225 4438-4752
HNHIC39	5323	705375	AL118500	32096	1-120 281-732 793-951
HNHIC39	5323	705375	AL121782	32097	1-120 281-732 793-951
HNHIC46	5324	842003	AL050349	32098	1-446
HNHIC46	5324	842003	AL050349	32099	1-252
HNHIC46	5324	842003	AL050349	32100	1-87
HNHID29	5326	690646	AC026494	32101	1-407
HNHID53	5327	727151	AC011442	32102	1-402
HNHID53	5327	727151	AC011442	32103	1-216
HNHID53	5327	727151	AC011442	32104	1-278
HNHID55	5328	731761	AC008741	32105	1-446
HNHID79	5329	774044	AL133313	32106	1-452
HNHIE75	5330	765585	AL138881	32107	1-348
HNHIE82	5331	921945	AC022264	32108	1-516
HNHIE82	5331	921945	AC022264	32109	1-636
HNHIG01	5332	916503	AL035460	32110	1-842 1126-1200 1669-2184 3958-4103 4285-4482 6033-6726 7564-7740
HNHIG01	5332	916503	AL035460	32111	1-93 192-253 387-479
HNHIG13	5333	465404	AL355863	32112	1-399
HNHIG19	5334	668657	AC009065	32113	1-424
HNHIG19	5334	668657	AC005346	32114	1-424
HNHIG19	5334	668657	AC012171	32115	1-424
HNHIG19	5334	668657	AC009065	32116	1-1155 1253-1325 2237-2287 2382-2454

					2539-2992 3049-3311 4091-4160
HNHIG19	5334	668657	AC009065	32117	1-352
HNHIG19	5334	668657	AC005346	32118	1-1155 1253-1325 2238-2288 2383-2455 2540-2993 3050-3312 4116-4185
HNHIG19	5334	668657	AC012171	32119	1-354
HNHIG19	5334	668657	AC005346	32120	1-352
HNHIG37	5335	708713	AP001009	32121	1-387
HNHIG37	5335	708713	AP001525	32122	1-387
HNHIG37	5335	708713	AP001086	32123	1-387
HNHIG37	5335	708713	AP001525	32124	1-290
HNHIG37	5335	708713	AP001009	32125	1-252
HNHIG37	5335	708713	AP001086	32126	1-252
HNHIG68	5336	753025	AL139083	32127	1-420
HNHIG68	5336	753025	AL159160	32128	1-420
HNHIG68	5336	753025	AL159160	32129	1-182
HNHIG71	5337	465407	AC078942	32130	1-419
HNHIH23	5338	675262	AJ239326	32131	1-398
HNHIH27	5339	681727	AC021289	32132	1-433
HNHIH27	5339	681727	AC046133	32133	1-433
HNHIH27	5339	681727	AC046133	32134	1-256
HNHIH27	5339	681727	AC021289	32135	1-290
HNHIH58	5342	739290	AC068751	32136	1-316
HNHIH58	5342	739290	AC068751	32137	1-110
HNHIH58	5342	739290	AC068751	32138	1-100
HNHIH66	5343	684531	AC010860	32139	1-174
HNHIH66	5343	684531	AC025332	32140	1-464
HNHIH66	5343	684531	AC010191	32141	1-464
HNHIH66	5343	684531	AC025332	32142	1-299
HNHIH66	5343	684531	AC010191	32143	1-299
HNHIH71	5344	760371	AC005209	32144	1-422
HNHIH73	5345	765591	AC024561	32145	1-424
HNHIH73	5345	765591	AC024561	32146	1-263
HNHIH73	5345	765591	AC024561	32147	1-159
HNHIH82	5346	779874	AL023653	32148	1-429
HNHIH82	5346	779874	AL138745	32149	1-429
HNHIH82	5346	779874	AL022162	32150	1-429
HNHIH82	5346	779874	AL023653	32151	1-217
HNHIH82	5346	779874	AL138745	32152	1-217
HNHIH82	5346	779874	AL022162	32153	1-217
HNHIR84	5348	775407	AC005137	32154	1-435
HNHIS14	5349	967087	AC022992	32155	1-385
HNHIS14	5349	967087	AC022992	32156	1-433
HNHIS14	5349	967087	AC022941	32157	1-921
HNHIS14	5349	967087	AC022941	32158	1-922
HNHIS14	5349	967087	AC022992	32159	1-919
HNHIS14	5349	967087	AC022992	32160	1-419
HNHIS14	5349	967087	AC022992	32161	1-419
HNHIS14	5349	967087	AC023956	32162	1-385
HNHIS14	5349	967087	AC022992	32163	1-419

HNHIS14	5349	967087	AC022992	32164	1-419
HNHIS14	5349	967087	AC022992	32165	1-419
HNHIS14	5349	967087	AC022992	32166	1-419
HNHIS14	5349	967087	AC022992	32167	1-1617
HNHIS14	5349	967087	AC023956	32168	1-243
HNHIS14	5349	967087	AC022992	32169	1-551
HNHIS14	5349	967087	AC022992	32170	1-1110
HNHIS14	5349	967087	AC022941	32171	1-243
HNHIS14	5349	967087	AC022992	32172	1-243
HNHIS14	5349	967087	AC022992	32173	1-335
HNHIS14	5349	967087	AC022992	32174	1-320
HNHIS14	5349	967087	AC023956	32175	1-1423
HNHIS14	5349	967087	AC022992	32176	1-1110
HNHIS14	5349	967087	AC022992	32177	1-335
HNHIW13	5351	657249	AC026748	32178	1-1287 1447-2445 2638-2757 2795-3218 3658-3844 4197-4538 4902-4937 5811-5896 6430-6724 6786-6881 7778-7828
HNHIW13	5351	657249	AC022130	32179	1-1513 1675-2672 2865-2984 3022-3445 3885-4071 4424-4765 5129-5164 6034-6124 6658-6952 7014-7109 7996-8069 9701-10050 11865-12159 12938-13047 14460-14549 17140-17235 17910-18030 20759-20838 21715-21865 22220-22439 24524-24716 27205-27309 27527-27695
HNHIW13	5351	657249	AC026748	32180	1-352
HNHKI60	5354	739885	AC017080	32181	1-358
HNHKI60	5354	739885	AC016731	32182	1-358
HNHKL72	5356	761427	AC044825	32183	1-71 755-1094 1184-1271 1858-2475 3170-3313 4243-4384

HNHKL72	5356	761427	AC044825	32184	1-455
HNHKN73	5358	762011	AC016498	32185	1-687
HNHKN73	5358	762011	AC016498	32186	1-225
HNHKP30	5359	793658	AC005216	32187	1-646
HNHKP72	5361	761432	AL354734	32188	1-56 1629-1986 1997-2157 2636-3370 3412-3839 3870-4016
HNHKP72	5361	761432	AL158848	32189	1-54 734-804 2377-2734 2745-2905 3384-4118 4160-4585 4616-4762
HNHKP72	5361	761432	AL354734	32190	1-460
HNHKP72	5361	761432	AL158848	32191	1-460
HNHKP72	5361	761432	AL158848	32192	1-533
HNHKS69	5362	750487	AC010330	32193	1-680
HNHKS69	5362	750487	AC010330	32194	1-767
HNHKS69	5362	750487	AC010330	32195	1-582 688-2094 2234-2583 3736-4554 5203-5608 5633-5826 5848-5985
HNHKS69	5362	750487	AC010330	32196	1-756
HNHKS69	5362	750487	AC010330	32197	1-896
HNHKS69	5362	750487	AC010330	32198	1-727
HNHKS69	5362	750487	AC010330	32199	1-1594
HNHKS69	5362	750487	AC010330	32200	1-1346
HNHKS69	5362	750487	AC010330	32201	1-361
HNHKS69	5362	750487	AC010330	32202	1-298
HNHKS69	5362	750487	AC010330	32203	1-347 438-542 1565-2820
HNHKS75	5363	766926	AC060788	32204	1-322
HNHKS75	5363	766926	AC007481	32205	1-322
HNHKS75	5363	766926	AC007481	32206	1-254
HNHKT06	5364	934643	AP002423	32207	1-526
HNHKT06	5364	934643	AP002423	32208	1-107
HNHKV67	5366	751205	AC000364	32209	1-409
HNHKV67	5366	751205	AC000364	32210	1-247
HNHKW47	5367	786020	AC011367	32211	1-494
HNHKW76	5368	767917	AL160398	32212	1-512
HNHKW81	5369	761429	AP001969	32213	1-527
HNHKW81	5369	761429	AC009920	32214	1-527
HNHKW81	5369	761429	AC011818	32215	1-527
HNHKW83	5370	780650	AC015630	32216	1-535
HNHKW83	5370	780650	AL139239	32217	1-535
HNHKX10	5371	963575	AC009965	32218	1-837
HNHKX47	5373	789625	AC009774	32219	1-471
HNHKX47	5373	789625	AC007649	32220	1-471

HNHKX47	5373	789625	AC009774	32221	1-387
HNHKX47	5373	789625	AC007649	32222	1-387
HNHKX77	5374	771530	AC062010	32223	1-378
HNHKX77	5374	771530	AL008718	32224	1-378
HNHKX77	5374	771530	AC062010	32225	1-386
HNHKX77	5374	771530	AC062010	32226	1-133
HNHKX77	5374	771530	AL008718	32227	1-386
HNHKX77	5374	771530	AL008718	32228	1-133
HNHKZ11	5375	966164	AL365364	32229	1-77 2195-2872 3395-3740 3761-4167 5953-6115 7341-7441 7556-7714 7808-7990 9955-10031 11771-11880 12818-12994 14667-14771 15978-16126 17600-17704 20108-20210
HNHKZ11	5375	966164	AL137223	32230	1-77 2194-2871 3394-3746 3769-4175 5962-6124 7352-7430
HNHKZ11	5375	966164	AL365364	32231	1-317
HNHLA08	5376	958422	AL157704	32232	1-609
HNHLA08	5376	958422	AL138769	32233	1-609
HNHLA08	5376	958422	AL157704	32234	1-2779
HNHLA08	5376	958422	AL138769	32235	1-2779
HNHLA16	5377	784264	AC021786	32236	1-835
HNHLA16	5377	784264	AL137880	32237	1-835
HNHLA16	5377	784264	AC021786	32238	1-767
HNHLA16	5377	784264	AL137880	32239	1-767
HNHLA55	5378	754480	AF205406	32240	1-337
HNHLA55	5378	754480	AF205406	32241	1-416
HNHLA71	5379	761430	AC031989	32242	1-1087
HNHLA71	5379	761430	AC031989	32243	1-466
HNHLA89	5380	786461	AL121845	32244	1-137 494-1115 1811-2116 2988-3357 7609-8196 9819-9993 10341-10627 10895-11026 12015-12267 13226-13310 16968-17230 20167-20268 21419-21756 22021-22405 25554-25686

					26420-27062 27106-27514 27674-28091
HNHLA89	5380	786461	AL158091	32245	1-133 .867-1509 1553-1961 2121-2538
HNHLA89	5380	786461	AL353715	32246	1-137 494-1115 1811-2116 2988-3357 7610-8197 9818-9994 10342-10629 10747-11031 12017-12269 13228-13312 16996-17258 21447-21784 22049-22433 25583-25715 26449-27091 27135-27543 27703-28120
HNHLA89	5380	786461	AL121845	32247	1-4385 4585-4783 5226-5296 5482-5913 7070-7327 7610-8040 8974-9188 9752-9835 10046-10134 10394-10620 11261-11355
HNHLA89	5380	786461	AL121845	32248	1-30 128-240 469-973 1045-1494 1665-1991 2028-2347 2441-2953
HNHLA89	5380	786461	AL158091	32249	1-30 128-240 469-973 1044-1493 1664-1985 2022-2341 2435-2947
HNHLA89	5380	786461	AL353715	32250	1-1640 1840-2038 2481-2551 2733-3164 4321-4578 4859-5290 6224-6438 7002-7085

					7296-7384 7644-7870 8511-8605
HNHLA89	5380	786461	AL353715	32251	1-30 118-230 459-963 1034-1484 1655-1981 2018-2337 2431-2943
HNHLB08	5382	958416	AC010984	32252	1-141
HNHLB08	5382	958416	AC068682	32253	1-153
HNHLB08	5382	958416	AC026556	32254	1-114
HNHLB08	5382	958416	AC069362	32255	1-131
HNHLB08	5382	958416	AL365209	32256	1-109
HNHLB08	5382	958416	AL161905	32257	1-114
HNHLB08	5382	958416	AC008711	32258	1-464
HNHLB08	5382	958416	AC027264	32259	1-147
HNHLB08	5382	958416	AC008711	32260	1-458
HNHLB08	5382	958416	AC008633	32261	1-458
HNHLB08	5382	958416	AF287957	32262	1-122
HNHLB08	5382	958416	AF287957	32263	1-1090
HNHLC69	5383	754466	AC022096	32264	1-468
HNHLC69	5383	754466	AC022096	32265	1-280
HNHLD08	5384	859857	AC078865	32266	1-570
HNHLD08	5384	859857	AC027562	32267	1-570
HNHLD13	5385	805983	AC068292	32268	1-651
HNHLD37	5386	859859	AL390059	32269	1-119 1038-1566 2161-2533 2595-2669 2844-3459 3656-4090 4330-4734 5285-5699 5802-5943 6480-7091 7102-7646 8408-9516 9764-10218
HNHLD37	5386	859859	AC005516	32270	1-4115 4983-5146 5349-5516 7706-7816 8182-8537 8566-8694 9650-10082 10608-10800 12029-12308 12603-12844 13391-13755 13914-14074 14952-15080 15215-15349 17666-17984 18175-18270 19800-19937

					20362-20521 21439-21539 22565-22849 23618-23742 24094-24759 25972-26162 26878-27197 27595-27709 28201-28664 28714-28818 29789-29968 30203-30886 31150-31364 31784-31999 32281-32708 32754-32865 33978-34099 35015-35543 36138-36510 36572-36646 36821-37436 37633-38067 38307-38711 39262-39676 39779-39920 40457-41068 41079-41623 42385-43494 43742-44196
HNHLD37	5386	859859	AC005516	32271	1-719
HNHLD81	5387	779345	AC066603	32272	1-305
HNHLD81	5387	779345	AC026015	32273	1-305
HNHLD81	5387	779345	AC026015	32274	1-101
HNHLE72	5388	966149	AC021747	32275	1-334
HNHLE72	5388	966149	AC046143	32276	1-334
HNHLE72	5388	966149	AC021747	32277	1-241
HNHLE72	5388	966149	AC046143	32278	1-241
HNHLF58	5391	859858	AC008911	32279	1-342
HNHLF58	5391	859858	AC020939	32280	1-342
HNHLF58	5391	859858	AC008965	32281	1-342
HNHLF58	5391	859858	AC008911	32282	1-226
HNHLF58	5391	859858	AC020939	32283	1-226
HNHLF58	5391	859858	AC008965	32284	1-226
HNHLP56	5392	883321	AC004844	32285	1-1413 2097-2570 7129-7262
HNHLP56	5392	883321	AC013416	32286	1-1413 2097-2570 7126-7248
HNHLP69	5393	754440	AC004689	32287	1-340
HNHLP69	5393	754440	AC004599	32288	1-340
HNHLP69	5393	754440	AC004689	32289	1-246
HNHLP69	5393	754440	AC004599	32290	1-246
HNHLP77	5394	967239	AL121672	32291	1-520
HNHLP77	5394	967239	AL032818	32292	1-520
HNHLP77	5394	967239	Z94161	32293	1-520
HNHLP77	5394	967239	AL032818	32294	1-188

HNHLP77	5394	967239	Z94161	32295	1-187
HNHLQ36	5395	760460	AC068043	32296	1-535
HNHLQ36	5395	760460	AC068043	32297	1-333
HNHLQ80	5397	775621	AC010973	32298	1-59 302-388 577-662 842-988 1417-1552 1705-2158 2437-2926 3193-3352 3725-4007 4024-4276 5667-6093 6125-7089 11379-11928 13409-13614 14178-14517 15875-16481 17606-17776 18165-18524 19427-19765 20935-21098 21344-21517 23183-23318 23854-24402 24446-24751 25100-25256 25365-25457 25615-25873 26529-26800 26940-27642
HNHLQ80	5397	775621	AC010973	32299	1-169
HNHLR73	5398	761855	AL157372	32300	1-417
HNHLR73	5398	761855	AL157372	32301	1-331
HNHLR73	5398	761855	AL157372	32302	1-356
HNHLR91	5399	789786	AC007244	32303	1-372
HNHLR91	5399	789786	AC007244	32304	1-256
HNHLT49	5402	784983	AL031258	32305	1-159
HNHLT49	5402	784983	AL031258	32306	1-116
HNHLV84	5403	782319	AC068151	32307	1-299
HNHLV84	5403	782319	AC009146	32308	1-299
HNHLV84	5403	782319	AC068151	32309	1-229
HNHLV84	5403	782319	AC009146	32310	1-225
HNHLW93	5404	791782	AL096701	32311	1-659
HNHLW93	5404	791782	AL096701	32312	1-324
HNHLX82	5405	779298	AP002502	32313	1-337
HNHLX82	5405	779298	AC010815	32314	1-337
HNHLX82	5405	779298	AC009648	32315	1-337
HNHLX82	5405	779298	AC010815	32316	1-46 904-1227
HNHLX82	5405	779298	AC009648	32317	1-327
HNHMC78	5406	772969	AC010098	32318	1-403
HNHMC78	5406	772969	AC013411	32319	1-403
HNHMC78	5406	772969	AC013734	32320	1-403
HNHMC78	5406	772969	AC007404	32321	1-402

HNHMC78	5406	772969	AC010098	32322	1-432
HNHMC78	5406	772969	AC013411	32323	1-432
HNHMC78	5406	772969	AC013411	32324	1-141
HNHMC78	5406	772969	AC013734	32325	1-101
HNHMD85	5407	876673	AC068638	32326	1-350
HNHMD85	5407	876673	AC068638	32327	1-95
HNHMN25	5408	784479	AC023196	32328	1-1347 2395-2446 3066-3133
HNHMN25	5408	784479	AC023196	32329	1-122
HNHMQ93	5409	791798	AL136303	32330	1-550
HNHMQ93	5409	791798	AL033521	32331	1-550
HNHMR04	5410	927056	AC069004	32332	1-80 506-718 959-1022 1732-2038 2070-2490 2600-2832 3046-3491 3856-4072 4147-4210 4430-4502
HNHMR43	5411	937561	AL049822	32333	1-429
HNHMR43	5411	937561	AC024428	32334	1-429
HNHMR43	5411	937561	AL049822	32335	1-372
HNHMR43	5411	937561	AC024428	32336	1-148
HNHMR43	5411	937561	AL049822	32337	1-148
HNHMR43	5411	937561	AC024428	32338	1-437
HNHMR73	5412	967614	AC023068	32339	1-947 2650-3080 3173-3500
HNHMR73	5412	967614	AC027011	32340	1-947 2650-3080 3173-3500
HNHMR73	5412	967614	AC027011	32341	1-328
HNHMR73	5412	967614	AC023068	32342	1-328
HNHMS77	5413	916609	AL049651	32343	1-404
HNHMS77	5413	916609	AL353132	32344	1-404
HNHMS93	5414	791807	AC006425	32345	1-248 2024-2526 3079-3186 3565-4006 4406-4849 4944-6043 6188-7728
HNHMS93	5414	791807	AC006425	32346	1-643
HNHMS93	5414	791807	AC006425	32347	1-336
HNHMT53	5415	925689	AL139343	32348	1-391
HNHMT53	5415	925689	AL139343	32349	1-240
HNHMT54	5416	790765	AC026195	32350	1-284
HNHMT54	5416	790765	AL161745	32351	1-284
HNHMT54	5416	790765	AC026195	32352	1-557
HNHMT54	5416	790765	AL161745	32353	1-557
HNHMT90	5417	937564	AC068702	32354	1-456
HNHMT90	5417	937564	AC073902	32355	1-248
HNHMU91	5418	789785	AC011489	32356	1-166

HNHMU91	5418	789785	AC011489	32357	1-101
HNHMU91	5418	789785	AC011489	32358	1-242 377-662
HNHMW83	5419	780558	AC005141	32359	1-323
HNHMW83	5419	780558	AC005289	32360	1-323
HNHMW83	5419	780558	AC005141	32361	1-102
HNHMW83	5419	780558	AC005141	32362	1-187
HNHMW83	5419	780558	AC005289	32363	1-102
HNHMW83	5419	780558	AC005289	32364	1-186
HNHMX45	5420	953411	AC005105	32365	1-747
HNHMY45	5422	958409	AC023348	32366	1-712
HNHMY59	5423	883324	AL357498	32367	1-402
HNHMY59	5423	883324	AC023013	32368	1-402
HNHMZ59	5426	761661	AL021026	32369	1-549
HNHMZ59	5426	761661	AL021026	32370	1-309
HNHMZ86	5427	784999	AC011153	32371	1-112
HNHMZ89	5428	786457	AC007174	32372	1-376
HNHMZ89	5428	786457	AC018602	32373	1-377
HNHMZ89	5428	786457	AC020752	32374	1-376
HNHMZ89	5428	786457	AC022002	32375	1-376
HNHMZ89	5428	786457	AC022012	32376	1-376
HNHNA69	5430	754452	AC026874	32377	1-158
HNHNA69	5430	754452	AL035409	32378	1-158
HNHNB77	5431	771523	AC073832	32379	1-502
HNHNB77	5431	771523	AC026430	32380	1-502
HNHNB77	5431	771523	AC073832	32381	1-195
HNHNB77	5431	771523	AC026430	32382	1-271
HNHND80	5433	775612	AC062032	32383	1-428
HNHND80	5433	775612	AC062032	32384	1-281
HNHNE11	5434	966146	AC007312	32385	1-95
HNHNE59	5435	771529	AC074200	32386	1-395
HNHNE59	5435	771529	AC004127	32387	1-395
HNHNE59	5435	771529	AC006078	32388	1-395
HNHNE59	5435	771529	AC074200	32389	1-105
HNHNE59	5435	771529	AC004127	32390	1-105
HNHNE83	5436	780628	AC078778	32391	1-1416
HNHNE83	5436	780628	AC016463	32392	1-712
HNHNE83	5436	780628	AC020641	32393	1-591 627-2046
HNHNE83	5436	780628	AC078778	32394	1-231
HNHNG73	5437	761849	AP001434	32395	1-753
HNHNG73	5437	761849	AP000161	32396	1-753
HNHNI10	5438	963571	AC015795	32397	1-488
HNHNI14	5439	923079	AC021660	32398	1-596
HNHNJ08	5440	859837	AC005073	32399	1-242
HNHNJ08	5440	859837	AC005071	32400	1-242
HNHNJ08	5440	859837	AC005073	32401	1-368 498-870 1120-1337 1661-2051 2362-3134 3365-4085 4846-5160 5203-5819
HNHNJ08	5440	859837	AC005073	32402	1-776
HNHNJ08	5440	859837	AC005071	32403	1-776

HNHNJ08	5440	859837	AC005071	32404	1-368 498-870 1120-1337 1661-2051 2362-3134 3365-4085 4881-5137 5203-5819
HNHNK71	5441	775635	AL133294	32405	1-194
HNHNK71	5441	775635	AL133294	32406	1-550
HNHNL70	5442	756633	AC008741	32407	1-410
HNHNN56	5443	859834	AL161669	32408	1-595
HNHNN56	5443	859834	AL138976	32409	1-595
HNHNO84	5444	782328	AL133243	32410	1-1592.
HNHNO84	5444	782328	AL133243	32411	1-502 891-997 3296-3521 5357-6137 7436-7920 8616-8765 9182-9311 10530-11068 11184-11626 12025-14398 14692-15155 15250-15383 15828-15994 17708-19731 19976-20476 21720-21860
HNHNO84	5444	782328	AL133243	32412	1-1892
HNHNU27	5448	920254	AL136086	32413	1-756
HNHNU27	5448	920254	AL136086	32414	1-361
HNHNU27	5448	920254	AL136086	32415	1-523
HNHNW64	5450	859832	AC037477	32416	1-360
HNHNW64	5450	859832	AC016841	32417	1-360
HNHNW64	5450	859832	AC012354	32418	1-580 1045-1160 2222-2534 4958-5317 6561-6801
HNHNW64	5450	859832	AC062030	32419	1-580 1045-1160 2222-2534 4958-5317 6561-6801
HNHNW64	5450	859832	AC016841	32420	1-241
HNHNW64	5450	859832	AC012354	32421	1-101
HNHNW64	5450	859832	AC062030	32422	1-101
HNHOA03	5453	923052	AL137127	32423	1-495 663-1034 1051-1595 2031-2400 3471-3941 3995-4348 4669-5167 5522-6633

					6786-7151 9048-9390 9399-9876 9999-10195 11640-11768 12172-12322 13311-13425 14253-14475 15282-15472 18312-18413 18808-18984 19439-19636 20400-20521 21039-21368 21705-21933 22015-22147 22688-22777 24025-24607 25091-25174 25796-26068 27014-27152 29576-29757 30085-30162 30542-30687 31223-31334 32061-32223 32334-32447 35631-35719 35876-35960 36236-36327 37236-37362 38019-38662 39196-39325 39442-39565 40160-40447 40893-41132 42300-42410 42716-42909 43291-44602
HNHOA03	5453	923052	AL137127	32424	1-164 1005-1249 1749-2157 2648-2875 4351-4920 6260-6472 7041-7575
HNHOA03	5453	923052	AL137127	32425	1-565 862-1656
HNHOC03	5454	922892	AC015874	32426	1-322
HNHOC03	5454	922892	AC022175	32427	1-825
HNHOC03	5454	922892	AC015874	32428	1-309
HNHOC03	5454	922892	AC022175	32429	1-197
HNHOC03	5454	922892	AC022175	32430	1-129 1594-2072 3166-3310 4324-4662 5945-6047

					6153-6224 6643-7061 7613-7715 7888-7975 8430-8980 9472-9531
HNHOD01	5455	915341	AC007481	32431	1-561
HNHOD01	5455	915341	AC027761	32432	1-561
HNHOD62	5456	852995	AC046176	32433	1-793
HNHOD62	5456	852995	AC046176	32434	1-226
HNHOF03	5458	922028	AC058804	32435	1-675 747-1045
HNHOF03	5458	922028	AC058804	32436	1-279
HNHOG86	5462	785004	AC026869	32437	1-579
HNHOG86	5462	785004	AC026336	32438	1-580
HNHOG86	5462	785004	AC026336	32439	1-370
HNHOM92	5465	792328	AC074234	32440	1-422
HNHOM92	5465	792328	AL031277	32441	1-422
HNHOM92	5465	792328	AC074234	32442	1-201
HNHOM92	5465	792328	AL031277	32443	1-201
HNHOO25	5467	859826	AC044902	32444	1-586
HNHOO25	5467	859826	AC044902	32445	1-453
HNHOO87	5469	787562	AC016826	32446	1-421
HNHOO87	5469	787562	AC012469	32447	1-421
HNHOO87	5469	787562	AC016826	32448	1-2233
HNHOO87	5469	787562	AC012469	32449	1-2233
HNHOP10	5470	963539	AC069198	32450	1-601
HNHOQ76	5471	767877	AC026443	32451	1-464
HNHOQ76	5471	767877	AC026443	32452	1-419
HNHOQ76	5471	767877	AC026443	32453	1-673
HNHOS70	5472	756593	AL139242	32454	1-430 459-2943 3080-3264 4224-4300 5016-5191 5658-5759
HNHOS70	5472	756593	AL139242	32455	1-439
HNHOS75	5473	766736	AL160267	32456	1-359
HNHOT10	5474	963631	AC026290	32457	1-683
HNHOT10	5474	963631	AC026290	32458	1-511
HNHOT11	5475	923065	AF064861	32459	1-486
HNHOT11	5475	923065	AF064861	32460	1-212
HNHOT95	5476	795331	U91319	32461	1-115
HNHOU20	5477	773797	AC010550	32462	1-458
HNHOU20	5477	773797	AC010548	32463	1-458
HNHOU20	5477	773797	AC026498	32464	1-458
HNHOU20	5477	773797	AC026498	32465	1-183
HNHOU94	5479	793514	AC024665	32466	1-369
HNHOU94	5479	793514	AC007126	32467	1-369
HNHOX09	5480	854882	AC068888	32468	1-46 1150-1210 1727-1853 2164-2302 3078-3385 3476-3662 8644-8794

					9244-9297 10253-10374 10461-10636 10981-13212 13355-13388 13528-13599 13681-14432 14497-14571 14702-14797 15006-15274 15479-16275 16395-16499
HNHOX09	5480	854882	AC068888	32469	1-825 1043-1156 1233-1300 1427-1555 1769-1844
HNHOX89	5483	786411	AC018802	32470	1-511
HNHOZ90	5485	787488	AC005289	32471	1-813
HNHOZ90	5485	787488	AC005289	32472	1-574
HNHPC36	5487	859819	AC009680	32473	1-1870 3925-4377 4961-5296
HNHPC72	5488	772970	AC009454	32474	1-935
HNHPC72	5488	772970	AP001269	32475	1-935
HNHPC72	5488	772970	AC009454	32476	1-102
HNHPC72	5488	772970	AP001269	32477	1-612
HNHPC72	5488	772970	AC009454	32478	1-610
HNHPC72	5488	772970	AP001269	32479	1-102
HNHPD07	5490	952244	AC064843	32480	1-503
HNHPD07	5490	952244	AC064843	32481	1-128
HNHPD07	5490	952244	AC064843	32482	1-312
HNHPD13	5491	859815	AC002345	32483	1-473
HNHPD13	5491	859815	AC005828	32484	1-472
HNHPD13	5491	859815	AC002345	32485	1-134
HNHPD13	5491	859815	AC005828	32486	1-116
HNHPH29	5496	934456	AC008744	32487	1-494
HPSAA31	5498	739041	AC068085	32488	1-577
HPSAA31	5498	739041	AC068085	32489	1-439
HPSAA50	5499	723558	AC020694	32490	1-189 347-746 1366-2297
HPSAA50	5499	723558	AC068769	32491	1-189 347-746 1366-2297 3779-4219 7579-7769 8843-9036 9317-9463 9825-10102 11141-11708 11732-12268 15250-17947
HPSAA50	5499	723558	AC068769	32492	1-432
HPSAA63	5500	536776	AL138700	32493	1-570
HPSAA63	5500	536776	AC044849	32494	1-570

HPSAA63	5500	536776	AL138700	32495	1-88
HPSAA63	5500	536776	AC044849	32496	1-130
HPSAA63	5500	536776	AC044849	32497	1-336
HPSAB25	5501	677474	AL109912	32498	1-325 827-1212 2773-3107 3552-3607
HPSAB25	5501	677474	AC005365	32499	1-688
HPSAB25	5501	677474	AC011202	32500	1-661
HPSAB25	5501	677474	AL080317	32501	1-321 478-1212 2419-3107 3552-3607
HPSAB25	5501	677474	AC011202	32502	1-349
HPSAB25	5501	677474	AC011202	32503	1-381
HSATA03	5502	925082	AC025077	32504	1-403
HSATA03	5502	925082	AC018658	32505	1-403
HSATA03	5502	925082	AC025077	32506	1-313
HSATA03	5502	925082	AC018658	32507	1-313
HSATF05	5506	907593	AC026887	32508	1-534
HSATF05	5506	907593	AC026887	32509	1-289
HSATF79	5507	781718	AL161651	32510	1-265
HSATF79	5507	781718	AL158037	32511	1-265
HSATF79	5507	781718	AL158037	32512	1-431 965-1457
HSATF79	5507	781718	AL158037	32513	1-220
HSATJ56	5508	716434	AL157707	32514	1-1209
HSATJ56	5508	716434	AL390318	32515	1-1209
HSATJ56	5508	716434	AC010161	32516	1-1209
HSATJ56	5508	716434	AL157707	32517	1-320
HSATJ56	5508	716434	AL390318	32518	1-320
HSATM25	5510	688006	AC003689	32519	1-444
HSATM25	5510	688006	AC003689	32520	1-607
HSATM79	5511	677717	AC000119	32521	1-813 1152-4028
HSATM79	5511	677717	AC000119	32522	1-1045
HSATR17	5514	888871	AC010246	32523	1-1201
HSATR27	5515	713143	AC011489	32524	1-500
HSATR27	5515	713143	AC011489	32525	1-232
HSATR27	5515	713143	AC011489	32526	1-490
HSATR32	5516	699586	AL355132	32527	1-769
HSATR32	5516	699586	AL355132	32528	1-259
HSATR32	5516	699586	AL355132	32529	1-266
HSATR76	5517	659994	AP000750	32530	1-1690
HSATR76	5517	659994	AP000787	32531	1-1690
HSATR76	5517	659994	AP001264	32532	1-1690
HSATR76	5517	659994	AP000750	32533	1-375
HSATR76	5517	659994	AP000787	32534	1-617
HSATR76	5517	659994	AP001264	32535	1-621
HSATR76	5517	659994	AP000787	32536	1-326
HSATS23	5518	524369	AC073241	32537	1-748
HSATS29	5519	689823	AC005799	32538	1-340 468-1150 1262-1327 1661-2556 2634-3165

					3250-3603 5089-5150 5341-5500 5879-5967 6114-6242 7158-7297 7519-10681
HSATS29	5519	689823	AC005799	32539	1-265 909-1290 1361-1566 1594-2128 2164-2776 3211-4262 5817-5875 6364-6446 7329-7439 8446-8652 9181-9289 10109-10200
HSATV34	5522	732184	AL136162	32540	1-173 232-694
HSATV34	5522	732184	AL136162	32541	1-789
HSATW22	5523	531171	AC007427	32542	1-70 1547-1800 4639-4972 5092-5211 7222-7335 7868-8352 9247-10275 11002-11603 13821-16532
HSATW22	5523	531171	AC011387	32543	1-70 1547-1800 4640-4973 5093-5212 7223-7336 7871-8355 9250-10278 11005-11606 13824-16535
HSATW22	5523	531171	AC007427	32544	1-593
HSATW22	5523	531171	AC011387	32545	1-593
HSAUA88	5525	757624	Z82206	32546	1-450
HSAUA88	5525	757624	Z82206	32547	1-283
HSAUB19	5526	954055	AC019301	32548	1-254
HSAUB19	5526	954055	AC019301	32549	1-242
HSAUD45	5529	531170	AL355032	32550	1-546
HSAUD45	5529	531170	AL137779	32551	1-546
HSAUD45	5529	531170	AL355032	32552	1-433
HSAUD45	5529	531170	AL137779	32553	1-433
HSAUE25	5530	571385	AC008608	32554	1-1165
HSAUE25	5530	571385	AC011336	32555	1-1165
HSAUE25	5530	571385	AC009012	32556	1-1166
HSAUE25	5530	571385	AC009017	32557	1-1165
HSAUE25	5530	571385	AC008608	32558	1-422
HSAUE25	5530	571385	AC009012	32559	1-274
HSAUE25	5530	571385	AC011336	32560	1-422

HSAUE25	5530	571385	AC009012	32561	1-120
HSAUE25	5530	571385	AC009017	32562	1-423
HSAUE40	5531	866933	AP000645	32563	1-487
HSAUE40	5531	866933	AP000767	32564	1-487
HSAUE40	5531	866933	AP001139	32565	1-487
HSAUE40	5531	866933	AC055755	32566	1-487
HSAUE40	5531	866933	AP001139	32567	1-1101 1252-2383 2393-2887
HSAUE40	5531	866933	AP000645	32568	1-424
HSAUE40	5531	866933	AP000767	32569	1-1099 1250-2381 2391-2885
HSAUE40	5531	866933	AP001139	32570	1-425
HSAUE40	5531	866933	AC055755	32571	1-424
HSAUE40	5531	866933	AC055755	32572	1-1101 1252-2383 2393-2887
HSAUF18	5532	527038	AL358073	32573	1-671
HSAUF18	5532	527038	AC022243	32574	1-878 1129-1408 2239-3441 4063-4304 5226-5466 6112-6365 6627-6745 7066-7668 7805-7958 8030-9326 13458-13561 13696-13982
HSAUF18	5532	527038	AL358073	32575	1-279
HSAUF18	5532	527038	AC022243	32576	1-191
HSAUG15	5533	953628	AL049610	32577	1-37 1329-3923
HSAUG15	5533	953628	AL049610	32578	1-888
HSAUG15	5533	953628	AL049610	32579	1-204
HSAUH65	5534	953873	AC036208	32580	1-445
HSAUH65	5534	953873	AC044850	32581	1-445
HSAUH65	5534	953873	AC009407	32582	1-445
HSAUH65	5534	953873	AC036208	32583	1-756 785-1137
HSAUH65	5534	953873	AC044850	32584	1-756 785-1137
HSAUH65	5534	953873	AC044850	32585	1-235
HSAUH65	5534	953873	AC009407	32586	1-235
HSAUH65	5534	953873	AC009407	32587	1-756 785-1137
HSAUH69	5535	870437	AL137800	32588	1-1052
HSAUH69	5535	870437	AL359876	32589	1-1052
HSAUH69	5535	870437	AL137800	32590	1-579 803-1466
HSAUH69	5535	870437	AL359876	32591	1-579 807-1470
HSAUH69	5535	870437	AL359876	32592	1-298
HSAUJ26	5537	950714	AL137129	32593	1-1330

					1568-1647 2116-2260 2347-2655 2721-3199 3418-3643 3774-5080 5356-5852 6725-6785 7071-7508 7620-8199 8680-8923 9517-9711 9887-10192 10215-10740 10982-11371 11695-11974 12085-12182 12250-12435 13347-14497 15736-15848 17792-18584 18772-19809 20534-20917 21439-21555 21808-22018 22976-23749 23933-24429 25373-25853 26435-26524 26606-26752 26842-27434 27689-27884
HSAUJ26	5537	950714	AL137129	32594	1-599
HSAUQ94	5539	526936	AC007728	32595	1-28 1545-1765 1908-2229 2948-3281 3805-4977 6299-6407 6766-7395 8797-8990
HSAUT77	5540	557848	AC004898	32596	1-542
HSAUT77	5540	557848	AC004975	32597	1-459
HSAUT77	5540	557848	AC004898	32598	1-317
HSAUT77	5540	557848	AC004898	32599	1-791 846-906
HSAUT77	5540	557848	AC004975	32600	1-317
HSAUT77	5540	557848	AC004975	32601	1-791 846-906
HSAUW10	5541	967600	AC023493	32602	1-436
HSAUW10	5541	967600	AC016245	32603	1-436
HSAUW10	5541	967600	AC023493	32604	1-300
HSAUW10	5541	967600	AC016245	32605	1-300
HSAUW71	5542	537544	AC024714	32606	1-139 1695-2312
HSAUW71	5542	537544	AC024714	32607	1-314
HSAUZ57	5544	685253	AC074002	32608	1-709

HSAUZ57	5544	685253	AC074092	32609	1-879 1237-1783 3059-3234 3262-3740 4204-4537 5755-6463 6509-6744
HSAUZ57	5544	685253	AC074002	32610	1-334
HSAUZ57	5544	685253	AC074092	32611	1-1634
HSAVB19	5548	866899	AC004951	32612	1-498
HSAVB19	5548	866899	AC004985	32613	1-498
HSAVB19	5548	866899	AC004951	32614	1-644
HSAVB19	5548	866899	AC004951	32615	1-121
HSAVB19	5548	866899	AC004985	32616	1-121
HSAVB19	5548	866899	AC004985	32617	1-644
HSAVC41	5549	584978	AC022868	32618	1-319
HSAVC41	5549	584978	AC022868	32619	1-568
HSAVC76	5550	967286	AF207954	32620	1-628
HSAVC76	5550	967286	AF207954	32621	1-655
HSAVH17	5553	417452	AC005189	32622	1-473
HSAVH17	5553	417452	AC005189	32623	1-437
HSAVH17	5553	417452	AC005189	32624	1-200
HSAVI46	5556	717837	AL355916	32625	1-463
HSAVI59	5557	579060	AC013555	32626	1-373
HSAVI59	5557	579060	AC013555	32627	1-252
HSAVI77	5558	739521	AC021126	32628	1-384
HSAVI77	5558	739521	AC021126	32629	1-531
HSAVI77	5558	739521	AC021126	32630	1-574
HSAVL43	5559	714418	AC073532	32631	1-617
HSAVL43	5559	714418	AC010191	32632	1-617
HSAVL43	5559	714418	AC073917	32633	1-617
HSAVL43	5559	714418	AC073532	32634	1-105
HSAVL43	5559	714418	AC010191	32635	1-105
HSAVL43	5559	714418	AC073917	32636	1-620
HSAVL43	5559	714418	AC073532	32637	1-620
HSAVL43	5559	714418	AC010191	32638	1-620
HSAVL43	5559	714418	AC073917	32639	1-114
HSAVN07	5560	935797	AP000303	32640	1-116 1624-2127 2297-3037 3155-3327 3948-4076 4643-4837 5333-5704 6274-7539
HSAVN07	5560	935797	AP000046	32641	1-116 1624-2127 2297-3037 3155-3327 3948-4076 4662-4842 5333-5704 6274-7539
HSAVN07	5560	935797	AP000114	32642	1-116 1624-2127 2297-3037